

### **Global Research Mentorship Program (GREMP) in Medical Physics**

Organized by the Global Research and Scientific Innovation Committee (GRSIC) of the American Association of Physicists in Medicine (AAPM) in collaboration with the Center for the Improvement of Mentored Experiences in Research (CIMER)

**Global Research Mentorship Program (GREMP)** in Medical Physics is a structured mentorship program aimed at international mentors and their mentees to enhance their mentoring experience through international collaboration. Within the GREMP, **International mentor-mentee pairs** from developing medical physics programs around the world will be matched with experienced **AAPM mentor-mentee pairs** from established and recognized medical physics research programs to form **Mentoring Quads (MQs)**. The international mentor-mentee pairs will be matched with the AAPM mentor-mentee pairs based on their stated research, mentorship objectives, and interviews using established and validated mentorship matching practices. Once entering into the GREMP, MQs will participate in multiple organized mentorship activities (e.g., development of the enhanced individual mentoring plan, regular meetings between different members of MQs, and regular progress reports) that will enhance the mentoring experience of mentees and their mentors. While the structured participation in the GREMP program will only be a year-long commitment, it is expected that participation in the GREMP will lead to a long-term collaboration between involved parties as well as their respective institutions.

The GREMP is supported by the **AAPM GREMP travel grants** awarded to each Mentoring Quad (\$10,000 for each MQ). The AAPM GREMP travel grant will provide financial support **for the international mentees and possibly their mentors** for two activities: (1) *attending the annual AAPM meeting* and (2) *short-term scientific visit to the AAPM mentor's institution*. The grant support will alleviate the economic burden of registration and travel. The international mentees, and possibly their mentors, will gain high visibility and will be exposed to the latest studies and ideas in the field, as well as networking opportunities facilitated by the AAPM mentors. The structurally planned in-person visit of the international mentee and possibly their mentors at the AAPM mentor's institution will broaden horizons and awareness of excellence in research and exposure to advanced research tools and applications.

The AAPM GREMP travel grant will also provide financial support **for the AAPM mentors, and possibly their mentees** for a *short-term scientific visit at the International mentee's institution*. This in-person visit will provide the AAPM mentor an opportunity to assess local needs and opportunities and better understand the challenges for the international mentee and mentor. It is anticipated that the mentor will meet with multiple other stakeholders at the mentee's institution to help develop a long-term collaboration plan between the AAPM and International mentee's institutions, as well as AAPM and local medical physics groups.