

**Purpose:** Mary Bird Perkins Cancer Center (MBPCC) has established a Medical Physics Residency Program to provide clinical training to M.S. and Ph.D. graduates of the CAMPEP-accredited Louisiana State University (LSU)-MBPCC Medical Physics Graduate Program. It graduates approximately six students yearly, which equates to a need for twelve residency positions in a two-year program. To address this need for residency positions, MBPCC decided to expand its maximum capacity of 6 residents to a total of 12 residents by developing a Consortium consisting of partnerships with radiation oncology physics residency programs located at regional outside clinical institutions.

**Methods:** We feel that the proposed Consortium model offers:

- broader range of procedures than available at most single institutions
- exposure to more commercial products than training at most single institutions
- various approaches to clinical topics than may be available at most single institutions
- potential reduction of CAMPEP workload by producing smaller number of large programs
- broad evaluation and examination of all Consortium residents, regardless of training location, by representatives from each of the Consortium partner sites

MBPCC will be responsible for organization, accreditation, administration, and operation of the Consortium program. Partner institutions could then focus on clinical training of the residents.

**Results:** The Consortium institutions have shown a great deal of support, both from their medical physics groups and administrations, in developing these partnerships. We are currently working with administrative personnel at each location to finalize the details of these partnerships through a Memorandum of Understanding. All partner sites are expected to begin resident training in July of this year.

**Conclusions:** The Consortium is a network of for-profit, non-profit, academic, community, and private entities. These types of collaborative endeavors will be required to reach the number of residency positions needed to meet the 2014 ABR mandate and to maintain graduate medical physics training programs.