

## **Completion Requirements & Training**

The requirements for completion of the residency will be the demonstrated ability to perform independently all tasks generally recognized as fundamental clinical physics duties, as outlined in Task Group 90 of the AAPM. The residency program will be of 24-month duration. The objective of the first year will be the attainment of the ability to manage, with necessary supervision from the CARTI clinical physics staff, the broad range of clinical duties necessary for the daily operation of a radiation oncology clinic; primarily the safe planning and delivery of radiation therapy to cancer patients, state licensing maintenance, radiation safety issues, etc. The objective of the second year will be to build on the first year and to develop areas of specialization and expertise, and to develop a greater level of responsibility and independence.

One advantage that CARTI offers residents is its multiple (6) clinical sites, each staffed with its own radiation oncologist, dosimetrist(s), therapists, and administrative staff. It is expected that in the second year of the residency, the resident will join the clinical travel rotation with the other staff physicists. This will enhance the resident's ability to work independently; while at the same time have access to support from the other physics staff.

It is expected that the resident will attend or participate in departmental and clinical conferences, inservices, and e-learning programs which have direct or indirect educational or clinical relevance. Examples of ongoing conferences are:

- weekly physics staff meetings
- weekly chart rounds
- weekly stereotactic conference
- weekly radiation oncologist case review
- monthly radiation oncologist journal club
- monthly e-learning clinical programs