

**Executive Summary:**

The purpose of the Health Physics Fellowship Program is two-fold: (a) to attract qualified students, regardless of race and ethnic background and financial needs, to Duke University, and (b) to provide students an opportunity to complete graduate degrees (MS and PhD) in health physics under the Duke Medical Physics Graduate Program. Duke University offers a unique teaching and research environment as one of the highest-ranked universities and academic medical centers in the United States. The Health Physics track of the Medical Physics Graduate Program draws a total of four faculty members from Departments of Radiology and Radiation Oncology, and Radiation Safety Office.

Duke Health Physics Program is unique in that faculty members are not only academicians, but also they are practitioners of health physics in the real world clinical and research environment.

In addition, the Duke Radiation Safety Office is one of the most complex health physics organizations in the world; the Office serves both premier medical center and leading research university. Thus, the fellowship grant presents an unprecedented opportunity for graduate students.

We believe that the fellowship program will lead to producing future leaders in federal/state agencies, private industries, and academic institutions as researchers, educators, and administrators.