APR21-2021-020023

Abstract for an Invited Paper for the APR21 Meeting of the American Physical Society

## Careers for Physicists in Medical Physics KRISHNI WIJESOORIYA, University of Virginia

I completed a PhD in nuclear physics at Jefferson Lab. I continued as a nuclear physics postdoc at Argonne National Lab. The cover page picture of Physics today 2002, showing a proton therapy machine, changed my life, making me switch careers to medical physics. Today I am a board certified faculty medical physicist in Radiation Oncology. My career consists of three components: providing clinical medical physics services to Radiation Oncology, writing grants and working on research projects, and educating the next generation: undergraduates, graduate students, medical physics residents, and medical residents. This session consists of presentations covering a wide range of branches from medical physics, such as radiation therapy, diagnostic imaging, clinical, industry, research, and teaching.