## **Medical Physics Seminar Series**



## Todd Pawlicki, PhD, FAAPM, FASTRO

Professor and Vice Chair of Medical Physics Department of Radiation Medicine and Applied Sciences, UC San Diego School of Medicine

This presentation will begin with a description of the background and current status of the AAPM Medical Physics 3.0 initiative, which is directed towards enhancing the full value of physics towards human health. The presentation will then transition to a focus on clinical medical physics in radiotherapy. Using a systems theory-based safety assessment approach, the safety profile of a combined linear accelerator and treatment planning system (Halcyon) is assessed and used to develop a new and potentially more impactful role for clinical medical physicists. The transition strategy and early experience of implementing this role will be described. Medical Physics 3.0 and future directions for radiotherapy clinical medical physics

## Monday, February 22 4:00PM (CT) Virtual via WebEx

We hope you can join us!

Email Questions: <a href="mailto:ladewerd@wisc.edu">ladewerd@wisc.edu</a>

Seminar Link: https://bit.ly/3jF4fj8

