

## AAPM Medical Physics Video Transcript

[Music plays in the background of the video]

Jered: The sense that you will have completed something that very people in the world have ever strived for, that have ever attempted. I think that is really one of the most enchanting things about being a medical physicist.

Anna: I was always interested in medicine. My dad's a doctor. But I didn't want to go to med school. I liked physics. And so that was the perfect amalgamation of my interests.

Chris: I was good at physics in high school and undergrad. I found medical physics which is a way to use knowledge of physics to help people have better lives.

David: I get to apply that concept that you learn in your nuclear physics class, your E&M class, and apply it every single day in the clinic and I'm making a difference.

Lynda: I really can't see myself doing anything else. I love the hands-on research. I love interacting with patients. I love being able to go from idea to clinic in a matter of months.

Josh: It was really gratifying to see, ok, here's this basic physics experiment that we can do, it's a reasonable concept, and then it's implemented clinically and being used for patient care.

Chris: You really are making a difference in someone's life. You're improving their quality of life one way or another. When you can actually see it, it makes you want to keep doing what you're doing.

Ross: When you say to a patient, there's this research that we've worked on is helping you because we are more certain of where your tumor is.

Lynda: It'll make the cancer shine bright against the background.

Meral: I like seeing my ideas actually being used in the clinic to help either diagnose patients with cardiovascular disease or come up with new ways to do dosimetry techniques, making measurements more accurate.

Lynda: Medical physics is tremendously important. Not just to clinic but to the development of these new important, relevant technologies.