

State of North Carolina Chapter

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The State of North Carolina Chapter of the Health Physics Society (NCHPS) held its fall meeting on 05 October, 2018 at the Wesley Long Hospital Education Center, Greensboro, NC.

The meeting began with a warm welcome and introduction of vendors by Eric Zack, chapter President. Dr. Derek Jokisch from the Department of Physics- Health Physics track at Francis Marion University started the meeting with a presentation on his recent work in developing ICRP dose coefficients for intake of radionuclides. Bianca Cruz from the retrospective dosimetry and nuclear assay group at NC State University provided update on her research work involving the use of Borated PVT for nuclear material categorization.

The meeting featured other student presentations from Francis Marion University and NC State University. Finally, Dr. Robert Hayes gave two information talks on the following topics; 1) Nuclear as the only sustainable long term energy source. 2) Nuclear criticality as a contributor to gamma ray bursts.

The NCHPS continued to see increase in student involvement in chapter activities and health physics research. The chapter will continue to sponsor activities to encourage college students to further their studies in radiation safety. The students from Francis Marion University and NC State indicated that they will return to present new research at the next spring meeting.

At the business meeting, planning of the spring 2019 meeting was discussed. During the meeting, Dr. Hayes officially announced that NC State University nuclear engineering department now offers a minor in Health Physics for undergraduate students.

I would personally like to thank all the vendors (Bloxr, Mirion Technologies, and Radiation Safety & Protection, LLC (Ludlum representatives) for their continued support with these meetings.

Altogether, the NCHPS fall meeting was a huge success!!



Some of the students who presented at the meeting. From Left: **Blake Montz (NC State University)** **Jacob Weinberg (NC State University)**, **Jona Smith (Francis Mario University)**, **Bianca Cruz (NC State University)**, **Fatma Abdulrahman (NC State University)**.