

Improvements to the Health Physics Education Infrastructure at Francis Marion University

Executive Summary

This proposal will improve the educational infrastructure in health physics at Francis Marion University by: (a) improving curriculum through creation of two new courses and (b) by allowing for the inclusion of necessary laboratory instruction through the acquisition of radiation detection equipment and an essential neutron source.

The continued and expanded utilization of nuclear energy is inevitable as the United States prepares to address looming energy deficits. Health physics is one of many technical fields essential to the safe, effective use of nuclear energy. The work proposed here will improve the educational infrastructure at the largest undergraduate health physics program in the Southeast, thereby assisting in improving the quality and quantity of future health physicists in the United States.

Principal Investigator: Derek W. Jokisch, djokisch@fmarion.edu