NCHPS Spring Meeting
March 1, 2019
UNC Environment Health & Safety
Chapel Hill, NC
Agenda

9:00 Welcome & Introduction
Eric Zack
NCHPS President

9:05 IAEA Working Group-Perspectives of a Radiation Protection Officer
Amy Orders
RSO, NC State University

9:25 The use of Borated PVT for Nuclear Material Categorization with updates
Bianca Cruz
NC State University

9:45 Real-Time Detection of a Pure-Beta Emitter (P-32) utilizing the Nano-Fiber Optic Detector
Brianna Smiley
Duke University

10:05 Uncertainties in common dose reconstruction protocols at low doses
Ryan O’Mara
NC State University

10:25 Break & Vendor Introduction

11:45 Real-time beta and gamma detection of I-131 using nanoscintillator fiber-optic technology
Justin Raudabaugh
Duke University

12:05 Lunch

1:05 How to spend a health physics career transitioning from operations through decommissioning
Eric Goldin, PhD, CHP

1:50 A test for full proportionality between flow rate and saturation activity of radon progeny- Update
Jacob Weinberg
NC State University

2:10 Finding the ideal marker placement for lung tumors
Belcher Andrew
East Carolina University

2:30 Business Meeting – Budget, Available position (Treasurer), Membership #, and New Board Members

3:30 Adjourn

Special Thanks Our Vendors
CANBERRA
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