Matthew Tang

2495 SW Pickford St Apt. A
Corvallis, Or 97333
(801) 836-8110
tangma@onid.orst.edu

Current Objective
A career in health physics with the opportunity to grow and develop.

Education
<u>Master of Science, Radiation Health Physics</u> (Expected June 2013) **3.88/4.0 GPA**
Oregon State University, Corvallis, Or 97330

<u>Bachelor of Science, Physics</u> (July 2011) **3.81/4.0 GPA**
Brigham Young University-Idaho, Rexburg, ID 83460

Work Experience
<u>Graduate Research Assistant</u>, Oregon State University
January 2013-present
> Perform verification and validation for VARSKIN 5 (a computer code for skin contamination dosimetry) using EGSnrc and VARSKIN 4.

<u>Graduate Teaching Assistant</u>, Oregon State University
October 2011-December 2012
> Responsible for assisting the professor with class, helping students understand the course material, and grading assignments.

<u>Physics Tutor</u>, Brigham Young University-Idaho
April 2009-December 2009 and April 2011-July 2011
> Helped students understand and learn the principles of physics. Aided students with their homework, and taught students how to apply effective study skills.

<u>Physics Grader</u>, Brigham Young University-Idaho
April 2009-July 2009 and January 2011-April 2011
> Graded physics homework.

<u>Research Intern</u>, Center for Theoretical BioPhysics, University of California, San Diego
April 2010-June 2010
> Wrote MATLAB code to analyze bacterial colonies, and make quantitative measurements.

Skills
Experience operating detectors and designing a skin contamination dosimeter
Experience programming with MATLAB, and VHDL
Possess a working knowledge of MCNP5, R (statistical computing and graphics) and Solid Works
Currently learning EGSnrc and VARSKIN
Work regularly with Microsoft Word, Excel and PowerPoint.