

3021 NE 140th St Apt 8
Seattle, WA 98125

email: mjstyczi@uw.edu
phone: (775) 830-4807

CURRICULUM VITAE

of
Marshall John Styczinski

PERSONAL

Information: US Citizen, born August 19, 1988 in Dublin, California.

Interests: Physics education research and curriculum development; science education and public outreach

Website: <http://students.washington.edu/mjstyczi/>

EDUCATION

08/2012 – present University of Washington

Degree conferred: Master of Science

Field: Physics

09/2006 – 06/2010 University of California, Davis

Degree conferred: Bachelor of Science with Highest Honors

Field: Physics

Significant works: “On the Return of HP West: The Revival and Restoration of a Hewlett-Packard 5950A Photoelectron Spectrometer” (Undergraduate Honors Thesis, May 2010)

08/2002 – 06/2006 Portola Jr.-Sr. High School

Degree conferred: High School Diploma

HONORS AND AWARDS

Highest Honors awarded, College of Letters and Science, UC Davis, June 2010

Sigma Pi Sigma Honor Society Inductee, Society of Physics Students, June 2009

PROFESSIONAL QUALIFICATIONS

Extensive experience with UNIX, L^AT_EX, C++, Excel, LabVIEW, and FileMaker database software

Substantial experience with Python, Adobe Illustrator, Javascript, ROOT, C, HTML

Laboratory Safety Training, UW Environmental Health and Safety Department

Chemical/Laboratory Safety Training, UC Davis Office of Environmental Health and Safety

General Employee Radiation Training, Lawrence Berkeley National Laboratory

EMPLOYMENT HISTORY

Academic Positions:

08/2012 – present *Graduate Student*, University of Washington

Research Focus: Improving the efficiency of conceptual instruction in- and out-of-class

Advisor: Professor Paula R. L. Heron

05/2008 – 06/2010 *Undergraduate Research Assistant*, University of California, Davis

Supervisor(s): Distinguished Professor Charles S. Fadley

05/2008 – 07/2010 *Visitor*, Lawrence Berkeley National Laboratory
Supervisor(s): Distinguished Professor Charles S. Fadley

Teaching Experience:

09/2012 – present *Graduate Teaching Assistant*, University of Washington
Courses: Introductory physics tutorials and laboratories, advanced electromagnetism tutorials
Structure: Sole or co-instructor leading discussions in 20–24 student classrooms
Note: Most terms as head TA, leading training sessions for other TAs and administering course (including curriculum writing and revisions)

09/2012 – present *Physics Study Center Staff*, University of Washington
Courses: Introductory and advanced physics
Structure: Individual homework and conceptual guidance

10/2007 – 06/2012 *Physics Club Volunteer Tutor*, University of California, Davis
Courses: Introductory physics and calculus
Structure: Individual homework and conceptual guidance

09/2004 – 06/2006 *Peer Tutor*, Portola Jr.-Sr. High School
Courses: Introductory physics, 7–8th-grade science and math
Structure: Individual homework and conceptual guidance

Relevant Work:

09/2012 – present *Graduate Teaching Assistant*, University of Washington
Supervisor(s): Professor David Pengra, Professor Peter S. Shaffer

09/2011 – 07/2012 *Development Technician*, University of California, Davis
Supervisor(s): Professor S. Mani Tripathi, Professor Emeritus David Pellett

04/2011 – 08/2011 *Junior Specialist*, University of California, Davis
Supervisor(s): Professor S. Mani Tripathi, Professor Emeritus David Pellett

07/2010 – 04/2011 *Development Technician*, University of California, Davis
Supervisor(s): Professor S. Mani Tripathi, Professor Robert Svoboda, Distinguished Professor Charles S. Fadley

07/2008 – 08/2010 *Reader (Physics 7)*, University of California, Davis
Supervisor(s): Senior Lecturer SOE David Webb