

Cory D. Schillaci

CURRENT POSITION	<i>Graduate Student Researcher</i> pursuing Ph.D. in Physics University of California, Berkeley, CA Advisor: Professor Wick Haxton	Fall 2010 - Present
EDUCATION	<i>Master of Arts</i> in Physics University of California, Berkeley	Expected May 2011
	<i>Bachelor of Science</i> Magna Cum Laude with College Honors University of Washington, Seattle, WA Major Concentration: Physics Minors: Chemistry and Mathematics Overall GPA: 3.88 GPA in Major Courses: 3.98	June 2009
	<i>Running Start</i> Green River Community College, Auburn, WA The Washington State Running Start program provides concurrent enrollment in a local community college for advanced high school students. GPA: 3.86	September 2004 - June 2005
TEACHING EXPERIENCE	<i>Graduate Student Instructor</i> <i>Head Graduate Student Instructor</i> Physics Department at the University of California, Berkeley - Taught sections in Physics 7A, 7B and 8B. - As Head GSI for physics 7B, coordinated efforts of eighteen GSIs and two professors to effectively teach nearly six hundred undergraduates.	Fall 2009 - Fall 2010 Fall 2010
	<i>Physics Tutor</i> <i>Lead Physics Tutor</i> Center for Learning and Undergraduate Enrichment at the University of Washington - Tutored drop-in students in physics, primarily introductory classes but also second and third year courses. - Responsible for hiring of physics tutors and development of tutoring services.	May 2007 - September 2007 September 2007 - June 2009
RESEARCH EXPERIENCE	<i>Graduate Student Researcher</i> Working with Professor Wick Haxton at UC Berkeley and Lawrence Berkeley National Laboratory on an N-body effective theory of nuclei.	Spring 2010 - Present
	<i>Undergraduate Researcher</i> Worked with Professor William Reinhardt at the University of Washington on computational models of dynamics in Bose-Einstein condensates. Particular emphasis on measurement and Fock space dynamics in double well traps.	Spring 2007 - Summer 2009
	<i>Summer Student</i> Deutsches Elektronen-Synchrotron, Hamburg, Germany Analyzed elastic collisions for calibration of the recoil detector at HERMES.	Summer 2008

PUBLICATIONS W. P. Reinhardt, C. A. Stanich, C. D. Schillaci, *Schrödinger Cats in Double Well Bose Condensates: Modeling their Collapse and Detection Via Quantum State Diffusion*, Applied Mathematics and Information Sciences **3**, 273 (2009).

TALKS Special Undergraduate Research Session at DAMOP Meeting May 2009

MEETINGS DAMOP Meeting May 2009

Workshop on Quantum Chemistry and Quantum Computational Physics in the Theory of Ultra-cold Gasses August 2009

FELLOWSHIPS Mary Gates Research Scholar April 2008 - March 2009

Robert C. Byrd Honors Scholarship Fall 2005 - June 2009

HONOR SOCIETIES Sigma Pi Sigma, Honor Society of the Society for Physics Students

Phi Lambda Upsilon, Honorary Chemical Society

Phi Beta Kappa, Academic Honor Society

LANGUAGE PROFICIENCY *English*

Native Language

Spanish

Speak, read, and write with basic competence. Studied as an undergraduate and intensively in Argentina.