

Education

- 1989 – 1995 Ph.D., Particle Physics, California Institute of Technology
- 1985 – 1989 B.Sc., Mathematics and Physics, University of Toronto

Employment

- 2008 – Professor, University of California, Irvine
- 2004 – 2008 Associate Professor, University of California, Irvine
- 2001 – 2004 Assistant Professor, University of California, Irvine
- 2000 – 2001 Senior Research Scientist, Stanford University
- 1995 – 2000 Research Associate, Stanford University

Honors & Awards

- 2017 Departmental Award for Undergraduate Teaching
- 2011 First Place, Mapping Dark Matter and GREAT10 Challenges
- 2008 Department Award for Undergraduate Education
- 2007 Kavli Frontiers Fellow, National Academy of Sciences
- 2007 Fellow of the American Physical Society
- 2004 UC Irvine Instructional Technology Award
- 2004 UC Irvine Distinguished Assistant Professor Award for Teaching
- 2003 Sloan Research Fellowship
- 2002 Department of Energy Outstanding Junior Investigator

Research Affiliations

2014 –	Extended BOSS (eBOSS), SDSS-IV
2013 –	Dark Energy Survey Instrument (DESI)
2012 –	LSST Dark Energy Science Collaboration (DESC)
2009 – 2013	uci@home (residential energy-use monitoring and feedback)
2008 – 2014	Baryon Oscillation Spectroscopic Survey (BOSS), SDSS-III
2006 –	Large Synoptic Survey Telescope (LSST) Project
1995 – 2011	BaBar Collaboration, Stanford Linear Accelerator Center
1991 – 1995	L3 Collaboration, CERN

Departmental Service

2018 –	Diverse Educational Community and Doctoral Experience Mentor
2012	Department Chair Search Committee
2011 – 2012	Chair, Department Web Committee
2007 – 2009	Chair, Graduate Studies; Graduate Advisor
2004 – 2007	Chair, Graduate Admissions and Recruitment

School Service

2010 – 2012	Faculty Assistant to the Dean, Equity Advisor
2009 – 2011	Communications Task Force

University Service

2018 –	Council on Undergraduate Admissions (CUARS)
2014 –	CallT2 Division Council
2008 – 2011	Campuswide Honors Program Board