

Evan Boyd Sosenko

Curriculum Vitae

Education

- 2011–2016 **Ph.D. Physics in condensed matter theory**, *University of California, Riverside*, Riverside, CA, US.
- 2011–2012 **M.A. Physics**, *University of California, Riverside*, Riverside, CA, US.
- 2006–2011 **B.S. Physics with minor in mathematics**, *University of California, Santa Barbara*, Santa Barbara, CA, US.

Awards and Scholarships

Fellowships

- 2011–2016 **Chancellor's Distinguished Fellowship Award**, *University of California, Riverside*, Riverside, CA, US.
- 2010 **CCS Summer Undergraduate Research Fellowship (SURF)**, *University of California, Santa Barbara*, Santa Barbara, CA, US.

Scholarships

- 2006–2010 **Regents Scholarship Award**, *University of California, Santa Barbara*, Santa Barbara, CA, US.
- 2006 **Xi Nu Zeta of Beta Sigma Phi Scholarship**, *SCV Scholarship Foundation*, Santa Clarita, CA, US.

Publications and Talks

- March 2016 **Contributed Talk**, *APS March Meeting*, Baltimore, MD, US.
[Superconducting phases of monolayer transition-metal dichalcogenides.](#)
- December 2015 **Superconductivity in transition metal dichalcogenides**, *University of California, Riverside*, Riverside, CA, US.
[arXiv:1512.01261](#)
- March 2015 **Contributed Talk**, *APS March Meeting*, San Antonio, TX, US.
[Superconducting phases of monolayer transition-metal dichalcogenides.](#)
- June 2014 **Effect of contacts on spin lifetime measurements in graphene**, *University of California, Riverside*, Riverside, CA, US.
[Phys. Rev. B 89, 245436.](#)

March 2014 **Contributed Talk**, *APS March Meeting*, Denver, CO, US.
[Effect of contacts on spin lifetime measurements in graphene.](#)

Experience

Research

2011–present **Graduate Research Assistant**, *Department of Physics and Astronomy*, Riverside, CA, US.

Condensed matter theory: spintronics and topological materials.

2009–2011 **Undergraduate Research Assistant**, *UCSB Astronomy & Astrophysics*, Santa Barbara, CA, US.

Pulsar radio astronomy and scattering in interstellar media. Applications and limits of the stationary phase approximation. Under the supervision of Dr. Carl R. Gwinn.

2008–2009 **Undergraduate Research Assistant**, *UCSB Center for Terahertz Science and Technology*, Santa Barbara, CA, US.

Experimental work on THz absorption of proteins in solution. Under the supervision of Dr. James Allen.

Instruction

2011–present **Teaching Assistant**, *Department of Physics and Astronomy*, Riverside, CA, US.

2011 **Grader**, *UCSB Physics Department*, Santa Barbara, CA, US.

Grader for PHYS 231B, graduate course in general relativity; instructor: Dr. Donald Marolf.

Miscellaneous

2001–present **Owner & Technical Administrator**, *OurTownRentals.com*, Valencia, CA, US.

Commercial website for USA vacation rentals founded in 2001. Responsible for web design, development, server administration, and business management.

Technical skills and experience

platforms FreeBSD, Linux, Microsoft Windows
tools L^AT_EX, Git, Office
scientific Mathematica, LabVIEW, Autodesk Inventor
design Compass, Adobe Illustrator, Adobe Photoshop
languages Ruby, Python, PHP, SQL, HTML, CSS, SASS, JavaScript

Languages

English Fluent *Native*