

CURRICULUM VITAE

CHRISTOPHER D. WALKER

Contact Information

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Education

- **Ph.D. Candidate in Mathematics**, University of California, Riverside - 2006 to Present
Advisor: Dr. John Baez
- **M.A. in Mathematics**, California State University, San Bernardino - 2006
Thesis: *Freeness of Hopf Algebras*
Advisor: Dr. Davida Fischman
- **B.A. in Mathematics**, California State University, San Bernardino - 2004

Research Interest

- Quantum Groups
- Hopf Algebras
- Category Theory

Positions

- **Teaching Assistant and Fellow**, University of California, Riverside - 2006 to Present
- **Adjunct Instructor**, Barstow Community College - 2006 to Present
- **Adjunct Instructor**, Riverside Community College - 2006 to Present
- **Institute Instructor**, Inland Counties Math Project - 2006
- **Math Teacher**, Victor Valley Christian School - 2004 to 2006

Courses Taught

Primary Instructor

UC Riverside

- Math 10A - Calculus: Several Variables (Summer 2007)
- Math 9B - First Year Calculus (Summer 2008)

Barstow Community College

- Math 101 - Arithmetic (Summer 2007, Fall 2007)
- Math 50 - Elementary Algebra (Fall 2006, Spring 2007, Summer 2007)
- Math 55 - Intermediate Algebra (Spring 2008)
- Math 3 - College Algebra (Spring 2008)

Riverside Community College

- Math 53 - College Geometry (Spring 2008)

Secondary Instructor

UC Riverside

- Math 9A - First Year Calculus (Fall 2006)
- Math 10A - Calculus: Several Variables (Winter 2007)
- Math 10B - Calculus: Several Variables (Winter 2007)
- Math 22 - Business Calculus (Spring 2007)
- Math 8A - Intro. to College Math (Fall 2007, Spring 2008)
- Math 104 - Math Education (Winter 2008)

Seminar Talks

- *An Introduction to Hopf Algebras*, UCR Lie Theory Seminar - January 2007
- *Hopf Algebras and Quantum Groups (Parts 1-5)*, UCR Quantum Gravity Seminar - Spring 2008

Conferences Attended

- **Lie groups, Lie Theory, and their Representations**, UC Santa Barbara - April 2007
- **Southern California Algebra Conference**, UCLA - November 2005

Awards

- **Chancellor's Distinguished Fellowship Award**, UCR - 2006 to 2008
- **Outstanding Graduate Student**, CSUSB - June 2006