

Alissa Crans

**Professor of Mathematics at Loyola Marymount
University**

Los Angeles, CA, US

Seaver College of Science and Engineering

Biography

Contact:

Phone: 310.338.2380

Email: acrans@lmu.edu

Office: University Hall 2724

Website: <http://alissacrans.com>

Dr. Crans' interests are in algebra, particularly in higher dimensional Lie algebras and their relationships with topology as well as relationships between mathematics and music, and broadening participation in mathematics. Dr. Crans received her Ph.D. and M.S. from UC Riverside in 2004 and 2000, respectively, and her B.S. degree from the University of Redlands in 1999. She joined the LMU faculty in 2004.

Industry Expertise

Education/Learning, Research

Areas of Expertise

Higher-Dimensional Algebra, Mathematics, Mathematics and Music, Quandles

Education

University of California at Riverside

Ph.D. Mathematics

University of California at Riverside

M.S. Mathematics

University of Redlands

B.Sc. Mathematics

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