

# **Alissa Crans**

**Professor of Mathematics at Loyola Marymount  
University**

Los Angeles, CA, US

Seaver College of Science and Engineering

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## **Biography**

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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.

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## **Industry Expertise**

Education/Learning, Research

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## **Areas of Expertise**

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

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## **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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