

Kathryn Mouzakis

Associate Professor of Chemistry & Biochemistry at Loyola Marymount University

Los Angeles, CA, US

Seaver College of Science and Engineering

Biography

Dr. Katie Mouzakis earned her B.S. in Chemistry-Biology (joint major) from Harvey Mudd College; not far from her hometown of Rancho Cucamonga, CA. She received her Ph.D. in Biochemistry from the University of Wisconsin ? Madison (UW Madison). During her graduate and postdoctoral work (also at UW Madison), she used biochemical, biophysical, and computational methods to study viral RNA structures and their functions. Concurrently, she gained invaluable teaching experience through the HHMI Teaching Fellows Program. Dr. Mouzakis comes to LMU from Durango, CO, where she was an Assistant Professor of Biochemistry at Fort Lewis College (FLC). At FLC she established an undergraduate-driven, externally-funded research program, was awarded the FLC New Faculty Teaching Award, and was named a 2017 Cottrell Scholar by the Research Corporation for Science Advancement for her innovative research and educational programs. Her work is published in numerous journals, including Nucleic Acids Research, PNAS, and RNA. Dr. Mouzakis joined LMU's Department of Chemistry and Biochemistry in 2018. She is thrilled to continue work she loves, teaching and doing research with undergraduates, as a faculty member at LMU.

Areas of Expertise

Course-based Undergraduate Research Experiences, Programmed Ribosomal Frameshifting, Nucleic Acids Biochemistry, Structural Biology, HTLV-1

Education

University of Wisconsin-Madison

Ph.D. Biochemistry

Harvey Mudd College

B.S. Joint Major in Chemistry-Biology

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