Michael Sellers Cuoco

PhD Student, Bioinformatics and Systems Biology

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➤ mcuoco@ucsd.edu i michaelcuoco.com	• •	San Diego
Research interests	Retrotransposon activity in the developing, a brain.	aging, and diseased human
Education	 University of California, San Diego PhD in Bioinformatics and Systems Biology Thesis Committee: Fred H. Gage, PhD (Chair) Eran A. Mukamel, PhD (Co-Chair) Graham McVicker, PhD Melissa Gymrek, PhD Nicholas Schork, PhD 	La Jolla, California In Progress
	Trinity College BS in Molecular and Cellular Biology Minor in Models and Data	Hartford, Connecticut May 2016
Honors and Awards	NSF Graduate Research Fellowship National Science Foundation (NSF) Spot Award	2022 2017
	Broad Institute	2011
	Beta Beta National Biology Honors Socie Trinity College	2014
	NESCAC Winter All-Academic Team Trinity College	2014
Research experience	PhD Student Gage Lab, Salk Institute for Biological Studies Mukamel Lab, UC San Diego Mentors: Fred H. Gage and Eran A. Mukamel	2020 — Present La Jolla, California La Jolla, California
	Research Associate Regev Lab, Broad Institute Mentors: Aviv Regev, Benjamin Izar, Pratiksh	2016 – 2020 Cambridge, Massachusetts a Thakore, Yaara Oren

Undergraduate Researcher

2014 - 2016

Meyerson Lab, Dana-Farber Cancer Institute

Boston, Massachusetts

Mentors: Matthew Meyerson and Alison Taylor

Undergraduate Researcher

2013

 $Trinity\ College$

Hartford, Connecticut

HHMI Science Education Alliance-Phage Hunters Advancing Genomics and Evolutionary Science program. (SEA-PHAGES: seaphages.org)

Research: Published

- Otto, J. E., Ursu, O., Wu, A. P., Winter, E. B., **Cuoco, M. S.**, Ma, S., Qian, K., Michel, B. C., Buenrostro, J. D., Berger, B., Regev, A., Kadoch, C., "Structural and functional properties of mSWI/SNF chromatin remodeling complexes revealed through single-cell perturbation screens." In: *Molecular cell* 83 (8 Apr. 2023). DOI: 10.1016/j.molcel.2023.03.013.
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Research: Preprint

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Mentorship	Joelle Faybishenko	Fall 2022 – present
	Undergraduate Student, UC San Diego	
	Gage Lab, Salk Institute for Biological Studies	La Jolla, California
	Evan Lee	Fall 2022 – present
Undergraduate Student, UC San Diego		-
	Biology Undergraduate and Master's Mentorship	o, La Jolla, California
	Rohini Gadde	Fall 2021 – present
	Undergraduate Student, UC San Diego	
	Mukamel Lab, UC San Diego	La Jolla, California
	Anise Porter	Fall 2020 – present
	Undergraduate Student, UC San Diego	
	Biology Undergraduate and Master's Mentorship	o, La Jolla, California
	Jesslyn Goh	Fall 2019 – 2020
	Undergraduate Student, Wellesley College	
	Regev Lab, Broad Institute	Cambridge, Massachusetts
Teaching	Bootcamp instructor	Fall 2021, Fall 2022
	Bioinformatics and Systems Biology, UCSD	La Jolla, California
	Teaching assistant	Spring 2015
	Department of Biology, Trinity College BIOL 224: Genetics	Hartford, Connecticut

Tutor 2014 - 2016Department of Biology, Trinity College Hartford, Connecticut BIOL 182: Evolution of Life BIOL 183: Cellular Basis of Life BIOL 224: Genetics Service / Outreach Committee Member 2021 - Present Advisory Committee on Diversity La Jolla, California Salk Institute for Biological Studies Director of Onboarding 2021 - Present Symposium Organizer 2022 Graduate Bioinformatics Council La Jolla, California UCSD Bioinformatics and Systems Biology Committee Member 2020 - PresentDiversity Equity and Inclusion Committee La Jolla, California UCSD Bioinformatics and Systems Biology Seminar Organizer 2021 Symposium Organizer Fall 2021 Diversity and Science Lecture Series La Jolla, California UCSDVolunteer - High Tech High Mesa Fall 2021 Volunteer - La Jolla High School Fall 2021 SciChats@Salk Education Outreach La Jolla, California Salk Institute for Biological Studies Proficiencies / Skills **Programming Languages** R, Python, Bash