Michael Sellers Cuoco

PhD Student, Bioinformatics and Systems Biology

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Research interests	Retrotransposon activity in the developing, aging, and diseased human brain.		
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)	2022	
	Spot Award Broad Institute	2017	
	Beta Beta Beta National Biology Honors Society 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,	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, La Jolla, California Jesslyn Goh Fall 2019 – 2020 Undergraduate Student, Wellesley College Regev Lab, Broad Institute Cambridge, Massachusetts Current: Masters Student, Harvard University Boston, Massachusetts Bootcamp instructor Fall 2021, Fall 2022 Bioinformatics and Systems Biology, UCSD La Jolla, California Teaching assistant Spring 2015 Department of Biology, Trinity College Hartford, Connecticut BIOL 224: Genetics Tutor 2014 - 2016Department of Biology, Trinity College Hartford, Connecticut BIOL 182: Evolution of Life BIOL 183: Cellular Basis of Life BIOL 224: Genetics Committee Member 2021 - Present La Jolla, California Advisory Committee on Diversity 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 - Present Diversity 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 UCSD

Volunteer - High Tech High Mesa

Volunteer - La Jolla High School

SciChats@Salk Education Outreach

Teaching

Service / Outreach

Curriculum Vitae, Michael Sellers Cuoco, 7

Fall 2021

Fall 2021

La Jolla, California

 $Salk\ Institute\ for\ Biological\ Studies$

Proficiencies / Skills Programming Languages

R, Python, Bash