Michael Sellers Cuoco

PhD Student, Bioinformatics and Systems Biology

Updated May 28, 2023

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Research interests	Retrotransposon activity in the developing, aging, and diseased human brain.			
Education	University of Cal PhD in Bioinformat Thesis Committee: • Fred H. Gage • Eran A. Muka • Graham McV • Melissa Gymr • Nicholas Scho	tics and Systems Bi , PhD (Chair) amel, PhD (Co-Cha icker, PhD	ology	Jolla, California In Progress
	Trinity College BS in Molecular an Minor in Models an	Se	Hartfo	rd, Connecticut May 2016
Honors and Awards	NSF Graduate Rese	earch Fellowship Foundation (NSF)		2022
	Spot Award Broad Institute	104114411011 (1151)		2017
	Beta Beta Beta Nar Trinity College	tional Biology Hono	ors Society	2014
	NESCAC Winter A Trinity College	ll-Academic Team		2014
Research experience	PhD Student			2020 – Present
	Gage Lab, Salk Inst	titute for Biological	Studies La.	Jolla, California
	Mukamel Lab, UC San Diego La Jolla, California Mentors: Fred H. Gage and Eran A. Mukamel			
	Research Associate 2016		2016 - 2020	
	Regev Lab, Broad Institute Cambridge, Massachuser			
	Mentors: Aviv Regev, Benjamin Izar, Pratiksha Thakore, Yaara Oren			
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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