# Michael Sellers Cuoco

PhD Student, Bioinformatics and Systems Biology

Updated July 23, 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 - 2020
	Regev Lab, Broad Institute Cambridge, Massachuse			
	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

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## Research: Preprint

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Mentorship	Joelle Faybishenko	Fall 2022 – present	
	Undergraduate Student, UC San Diego	La Jalla California	
	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

Teaching 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 - 2016

Department 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 – 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 Fall 2021

**Volunteer** - La Jolla High School SciChats@Salk Education Outreach Salk Institute for Biological Studies Fall 2021 La Jolla, California

Proficiencies / Skills

Programming Languages

R, Python, Bash