

# Sam Fleischer

Department of Mathematics

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Born: December 4, 1991—Valencia, California, USA

Nationality: USA

## Current position

*PhD Student*, Graduate Group in Applied Mathematics, UC Davis

## Areas of specialization

Mathematical Ecology and Evolution • Computation

## Education

2015 BS in Mathematics (Cum Laude), CSU Northridge  
2020 (expected) PhD in Applied Mathematics, UC Davis

## Grants, honors & awards

2013-2015 Dean's List, CSU Northridge  
2014 PUMP Undergraduate Research Groups, Pacific Math Alliance, CSU Northridge, NSF Grant DMS-1247679  
2015 3rd Place, Sigma Xi Student Research Symposium, CSU Northridge Chapter, Session II  
2015 Outstanding Graduating Senior, CSU Northridge Mathematics Department  
2015 Fall Graduate Program Fellowship, UC Davis Graduate Group in Applied Mathematics  
2016 Winter Graduate Program Fellowship, UC Davis Graduate Group in Applied Mathematics  
2016 Summer Departmental Fellowship, UC Davis Mathematics Department  
2017 Winter Departmental Fellowship, UC Davis Mathematics Department

## Talks

2015 Sigma Xi Student Research Symposium, CSU Northridge Chapter, Session II  
2015 Pacific Coast Undergraduate Mathematics Conference, California Lutheran University, Student Talk Session

## Teaching experience

### ASSOCIATE INSTRUCTOR

2017 Winter     Calculus for Biology and Medicine

### TEACHING ASSISTANT

2015 Fall     Calculus  
2016 Winter     Linear Algebra  
2016 Spring     Calculus for Biology and Medicine  
2016 Summer     Robotics (UC Davis COSMOS)  
2016 Fall     Calculus for Biology and Medicine  
2017 Winter     Calculus for Biology and Medicine

## Leadership and membership

2013-2015     Vice President, Matador Math Society, CSU Northridge  
2016-present     Secretary, Association for Women in Mathematics, UC Davis  
2016-present     Vice President, Society for Industrial and Applied Mathematics, UC Davis  
2015-present     Member, Galois Group, UC Davis

## Volunteer work

2015-present     Tutor, STEM Cafe, Women's Research and Resource Center, UC Davis  
2015-present     Presenter, Madison Park Business and Arts Academy, Jr. and Sr. High School Career Day, Oakland, CA  
2016     Volunteer, Julia Robinson Math Festival, Da Vinci Charter Academy Jr. High School, Davis, CA  
2016     Workshop Leader, Teaching Assistant Training, Mathematics Department, UC Davis

## Other work experience

2011-present     Private Mathematics Tutor  
2014-2015     Software Computing Systems Undergraduate Student, Part Time Employee, Cassini Program, NASA Jet Propulsion Laboratory, Pasadena, CA