

## Naomi Kraushar

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CONTACT INFORMATION	Stanford University Department of Mathematics Stanford, California 94305	<a href="mailto:naomilk@stanford.edu">naomilk@stanford.edu</a> <a href="http://web.stanford.edu/~naomilk">web.stanford.edu/~naomilk</a>
RESEARCH INTERESTS	Algebraic topology, algebraic K-theory	
ADVISORS	Gunnar Carlsson Ravi Vakil	
EDUCATION	<b>Stanford University</b> Ph.D., Mathematics fall 2016 – present  <b>University College London</b> MSci (hons) in Mathematics, June 2016	
PUBLICATIONS	Kraushar, <i>Equivariant K-theory and group homology</i> , in preparation.	
HONORS AND AWARDS	2016 Dean's list commendation. 2016 Mathematika Prize. 2015 International mathematics competition for university students, Third Prize. 2014 International mathematics competition for university students, Second Prize. 2013 Second Sessional Prize. 2013 Eliahou Dangoor Scholarship.	
RESEARCH TALKS	<i>Group scheme actions and the coinvariant spectral sequence</i> , Stanford student algebraic geometry seminar. 22 January 2020.  <i>Complex cobordism and almost complex fillings of contact manifolds</i> , Stanford Kiddie Colloquium. 11 May 2017.  <i>Complex cobordism and almost complex fillings of contact manifolds</i> , UCL undergraduate thesis talk. Winter 2016.	
EXPOSITORY TALKS	<i>Algebraic K-theory of rings and schemes</i> , Area exam. 6 June 2019.  <i>The Steenrod algebra and its dual</i> , Stanford student topology seminar. 8 February 2019.  <i>Algebraic K-theory</i> , Stanford student algebraic geometry seminar. 31 October 2018.  <i>Configuration spaces, braid groups, and robotics</i> , Stanford student topology seminar. 6 July 2017.  <i>Geometric measure theory and fractals</i> , UCL undergraduate colloquium. Winter 2015.	

PROFESSIONAL SERVICE	September 2020. Served on a discussion panel on teaching assistantship in mathematics for new grad		
	2019 – 2020. Contributed to efforts to improve transgender inclusivity for the Stanford mathematics department, as well as Stanford Healthcare and Psychiatry.		
	Fall 2015. Assistant organizer for the UCL undergraduate colloquium.		
MENTORING EXPERIENCE	Winter 2020 – Fall 2020. Advisor for Stanford’s directed reading program (DRP).		
	Winter 2020 – Fall 2020. Mentor for Stanford Women in Math Mentoring (SWIMM).		
	Summer 2019. Teaching assistant and project advisor at Stanford University Mathematics Camp (SUMaC).		
	Summer 2017. Teaching assistant, project advisor, and residential counselor at SUMaC.		
	Fall 2013 – Spring 2016. Study support volunteer in mathematics and sciences with Fitzrovia Youth in Action.		
	Fall 2012 Volunteer mathematics mentor at Notting Hill Preparatory School.		
TEACHING EXPERIENCE	Summer	2020	Instructor, Linear algebra, multivariable calculus, and modern applications
	Spring	2020	Course assistant, Fundamental concepts of analysis
	Winter	2020	Teaching assistant, Linear algebra, multivariable calculus, and modern applications
	Summer	2019	Course assistant, Ordinary differential equations with linear algebra
	Winter	2019	Teaching assistant, Calculus (single-variable integral calculus)
	Fall	2018	Teaching assistant, Integral calculus of several variables
	Winter	2018	Teaching assistant, Integral calculus of several variables
	Winter	2017	Course assistant, Applied number theory and field theory
	Spring	2017	Course assistant, Applied group theory
Fall	2016	Course assistant, Fundamental concepts of analysis	