

CURRICULUM VITAE

Name:	Kai Shaikh	Website:	kaishaikh.github.io
Date of Birth:	Mar 2, 1999	Email:	kai.j.shaikh@gmail.com
Mobile Phone:	+1-412-721-2998	Address:	388 Richmond St. W, Unit 401 Toronto, ON M5V 3P1

EDUCATION

PhD IN MATHEMATICS (in progress)

Sep 2022 – Present	University of Toronto, St. George Campus PhD Advisor: Elden Elmanto
--------------------	------------------------------------------------------------------------

M.Sc. IN MATHEMATICS

Oct 2021 – July 2022	University of Oxford, St Edmund Hall M.Sc. in Mathematical Sciences, Distinction
----------------------	-------------------------------------------------------------------------------------

B.A. IN MATHEMATICS

Aug 2017 – May 2021	University of California, Berkeley B.A. in Mathematics, Highest Honors High distinction in General Scholarship	GPA: 3.939
---------------------	----------------------------------------------------------------------------------------------------------------------	------------

RESEARCH EXPERIENCE

Summer 2020	Numerical Covers of the Modular Surface Supervised by Alex Kontorovich Rutgers University DIMACS	REU Participant
Fall 2018	Ji Lab (Cortical Fear Learning) Supervised by Ryan Natan UC Berkeley departments of MCB and Physics Berkeley, CA	Undergraduate volunteer
Summer 2018	Sims-Lucas Lab (Nephrology) Supervised by Takuto Chiba Children's Hospital of Pittsburgh Pittsburgh, PA	Paid intern

PUBLICATIONS

1. **Shaikh KJ**, Rajakumar V, Osio VA, Shaikh N. (2021). Neutrophil gelatinase-associated lipocalin for urinary tract infection and pyelonephritis: a systematic review. *Pediatric Nephrology*, 36, 1481-1487.
2. Chiba T, Cerqueira D, Li Y, Bodnar AJ, Mukherjee E, Pfister K, Phua, YL, **Shaikh KJ**, Sanders B, Hemker S, Pagano PJ, Wu YL, Ho J, Sims-Lucas S. (2021). Endothelial-derived miR-17~ 92 promotes angiogenesis to protect against renal ischemia-reperfusion injury. *Journal of the American Society of Nephrology: JASN*, 32(3), 553.
3. **Shaikh KJ**, Osio V, Shaikh N, et al. (2020). Procalcitonin, C-reactive protein, and erythrocyte sedimentation rate for the diagnosis of acute pyelonephritis in children. *Cochrane Database of Systematic Reviews*, Issue 9. Art. No.: CD009185.
4. Hum SW, **Shaikh KJ**, Musa SS, et al. (2019). Adverse Events of Antibiotics Used to Treat Acute Otitis Media in Children: A Systematic Meta-Analysis. *The Journal of Pediatrics*, 215, 139-143.

LANGUAGES

Fluent:	English
Conversational:	Spanish
Intermediate Proficiency:	French, Chinese (普通话)
Beginner:	Tibetan, Farsi

INTERESTS

Birding, Classical Persian Music (setar)