

# CURRICULUM VITAE

## BIOGRAPHICAL

<b>Name:</b>	Kai Shaikh	<b>Birth Date:</b> Mar 2, 1999
<b>Home Address:</b>	210 Sunridge Road Pittsburgh, PA 15238	<b>Mobile Phone:</b> +1-412-721-2998
<b>Current Address:</b>	19 Norham Gardens Oxford, OX2 6PS	<b>Email:</b> kai.j.shaikh@gmail.com

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## EDUCATION AND TRAINING

### MASTER'S

Oct 2021 – Present	University of Oxford St Edmund Hall	MSc in Math Expected Grad: Jul 2022
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### UNDERGRADUATE

Aug 2017 – May 2021	UC Berkeley B.A. in Mathematics Highest Honors	GPA: 3.939 High distinction in gen. scholarship
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### STUDY ABROAD

Jan – June 2017	CIEE, High School Immersion Mairena Del Aljarafe Seville, Spain
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### COURSES AT OTHER UNIVERSITIES

Sept – Dec 2016	University of Pittsburgh Pittsburgh, Pennsylvania	Intermediate French I Grade Received: A
Sept – Dec 2016	University of Pittsburgh Pittsburgh, Pennsylvania	Persian (Farsi) I Grade Received: A
Jan – May 2016	University of Pittsburgh Pittsburgh, Pennsylvania	Elementary French II Grade Received: A
June – Aug 2015	Harvard University Cambridge, Massachusetts	Computer Science with Java Grade Received: A
Aug – Dec 2020	Math in Moscow Program Completed remotely due to COVID-19	Knot Theory Grade Received: A+

## **HIGH SCHOOL**

Sept 2013- Jan 2017   Fox Chapel Area High School  
Pittsburgh, PA

## **OTHER**

August 2015                      St. John Ambulance                      Standard First Aid /CPR/AED  
Ottawa, ON

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## **VOLUNTEER WORK**

2015-2016	Salud Para Niños Medical Clinic Pittsburgh, PA	Volunteer
July 2015	Muscular Dystrophy Association Pittsburgh, PA	Summer Camp Volunteer
June-August 2015	National Aviary Pittsburgh, PA	Teen Volunteer
Fall 2015	Wildlife Rescue League Verona, PA	Volunteer

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## **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

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## PUBLICATIONS

1. 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.
2. **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.
3. **Shaikh KJ**, Rajakumar V, Osio V. Neutrophil Gelatinase for the Diagnosis of Urinary Tract Infections and Acute Pyelonephritis – A Meta-analysis. Pediatr. Nephrol., in press.
4. 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. Endothelial-derived miR-17~92 promotes angiogenesis to protect against renal ischemia-reperfusion injury. J Am Soc Nephrol, in press.

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## HONORS

May 2012	Gertrude and Elias Sunstein Scholarship
June 2016	National AP Scholar
September 2016	National Merit Scholarship Semifinalist

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## LANGUAGES

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

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## INTERESTS

Birding, Classical Persian Music (setar)