

# Yuan Wang

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## Education

- Since 2018 **Ph.D. in Computer Science**, *Princeton University*.  
Thesis Advisor: Olga Troyanskaya  
Committee: Ryan Adams, Kai Li
- 2018 - 2020 **M.A. in Computer Science**, *Princeton University*.
- 2014 - 2018 **B.A. in Mathematics and Statistics**, *Grinnell College*.

## Research Experiences

- Since 2018 **Graduate Research Assistance**, *Princeton University*.  
Department of Computer Science  
Lewis-Sigler Institute for Integrative Genomics
- 2017 **Research Intern**, *University of California, San Diego*.  
Department of Electrical and Computer Engineering  
Advisor: Siavash Mirarab

## Publications

\* indicates co-first authorship

1. M Meyer\*, **Y Wang\***, D Edwards\*, GR Smith\*, AB Rubenstein\*, P Ramanathan\*, CE Mire, C Pietzsch, X Chen, Y Ge, ..., I Ramos, OG Troyanskaya, E Zaslavsky, A Carfi, SC Sealfon, A Bukreyev. "Attenuated activation of pulmonary immune cells in mRNA-1273-vaccinated hamsters after SARS-CoV-2 infection." *J Clin Invest.* 2021.
2. R Menon\*, EA Otto\*, R Sealfon\*, V Nair\*, AK Wong\*, CL Theesfeld\*, X Chen, **Y Wang**, AS Boppana, J Luo, ..., JZ Sexton, CE Wobus, AS Naik, RG Nelson, OG Troyanskaya, M Kretzler. "SARS-CoV-2 receptor networks in diabetic and COVID-19-associated kidney disease." *Kidney International.* 2020.

## Invited Presentations

- 2022 **30th Conference on Intelligent Systems For Molecular Biology (ISMB)**, *Poster Presentation*.
- 2020 **UCSF Helen Diller Family Comprehensive Cancer Center**, *Benioff Initiative for Prostate Cancer Research*.
- 2019 **Simons Foundation**, *BPM-Genomics Intergroup Workshop*.

## Services

### Membership in Professional Societies

- Since 2020 American Society of Nephrology (ASN)  
Association for Computing Machinery (ACM)  
International Society for Computational Biology (ISCB)

### **Reviewer**

Since 2020 Nature, Nature Communications, Genome Research, PNAS

### **Diversity & Outreach**

2020-2022 Organizer, Admitted Graduate Student Visit Day, *Department of Computer Science, Princeton University*  
Since 2019 Graduate Women in Science and Engineering (GWiSE), *Princeton University*  
Since 2019 Princeton Women in Computer Science (PWICS), *Princeton University*

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## **Teaching & Mentoring**

**Graduate Advising**, *Princeton University*.

2020 Sara Geraghty, *First Year Ph.D. Rotation*

**Assistant in Instruction**, *Princeton University*.

2020 COS-233, 234: An Integrated, Quantitative Introduction to the Natural Sciences

2019 COS-126: Computer Science: An Interdisciplinary Approach

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## **Honors & Awards**

2019 3rd Place, The Data Open East Coast Regional

2018 Phi Beta Kappa, Iowa Chapter

2017 The Pamela Ferguson Endowed Prize in Mathematics, Grinnell College

2015 Ray Obermiller Scholarship, Grinnell College