

# ROCHELLE SUN

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## EDUCATION

- 2022- Present    **Harvard University**  
PhD student, Department of Government
- 2015- 2019    **University of Rochester**  
BA, Political Science and Health Policy (highest distinction)

## ACADEMIC PUBLICATIONS

- 2022    Kim, N; Wang, J; Burudpakdee, C; Song, Y; Ramasamy, A; Xie, Y; **Sun, R**; Kumar, N; Wu, EQ; Sullivan, SD. [Cost-effectiveness analysis of semaglutide 2.4 mg for the treatment of adult patients with overweight and obesity in the United States](#). *Journal of Managed Care and Pharmacy*. 2022 Jul; 28(7): 740-752.
- 2022    Driessen, MT; Cohen, JM; Thompson, SF; Patterson-Lomba, O; Seminerio, MJ; Carr, K; Totev, TI; **Sun, R**; Yim, E; Mu, F; Ayyagari, R. [Real-world Effectiveness After Initiating Fremanezumab Treatment in US Patients With Episodic and Chronic Migraine or Difficult-to-Treat Migraine](#). *Journal of Headache and Pain*. 2022 Apr; 23(47).
- 2022    Conaghan, P; Cohen, S; Burmester, G; Mysler, E; Nash, P; Tanaka, Y; Rigby, W; Patel, J; Shaw, T; Betts, KA; Patel, P; Liu, J; **Sun, R**; Fleischmann, R. Benefit-Risk Analysis of [Upadacitinib compared with Adalimumab in the Treatment of Patients with Moderate-to-Severe Rheumatoid Arthritis](#). *Rheumatology and Therapy*. 2022 Feb;9(1):191-206.
- 2021    Pierre, S; Bocharova, I; Nguyen, C; Homeus, F; Julmiste, G; Macius, Y; Rouzier, V; Severe, P; Deschamps, MM; Guiteau, C; Bellot, C; Wu, J; Rivera, V; **Sun, R**; Pape, JW; Liautaud, BL; Koenig, SP. [Superior Outcomes With Continuing Tenofovir Versus Switching to Zidovudine in Second-Line Antiretroviral Therapy in Haiti](#). *Open Forum Infect Diseases*. 2021 Nov 23;8(12):ofab559.

## CONFERENCE PRESENTATIONS

- 2022    Gergis, U; Khera, N; Edwards, ML; Song, Y; **Sun, R**; Simantov, R; Sivaraman, S; Manghani, R; Signorovitch, J. Projected impact of omidubicel on racial and ethnic disparities in allogeneic hematopoietic cell transplant access and outcomes for patients with hematologic malignancies in the US. Poster presented at *Transplantation & Cellular Therapy Meetings of ASTCT and CIBMTR Tandem Meetings*.
- 2021    Driessen, MT; Patterson-Lomba, O; Mu, F; Thompson, S; Seminerio, M; Carr, K; **Sun, R**; Totev, T; Yim, E; Ayyagari, R; Cohen, JM. Real-world reductions in migraine and headache days after initiating fremanezumab for us patients with migraine and prior use of another monoclonal antibody targeting the CGRP pathway. Poster presented at *63<sup>rd</sup> Annual Scientific Meeting of the American Headache Society*.

- 2021 Cohen, JM; Thompson, SF; **Sun, R**; Driessen, M; Seminerio M; Carr, K; Mu, F.  
Fremanezumab treatment results in real-world reductions in monthly migraine and headache days in patients having different numbers of prior migraine preventive treatment failures in this us study. Poster presented at *Academy of Managed Care Pharmacy*.

## PROFESSIONAL EXPERIENCE

2019 - Present **Analysis Group, Inc.**

*Senior Analyst*

*Analyst (2019 - 2020)*

- Developed evaluative models quantifying racial disparities, economic costs, health outcomes, and quality of life impacts for novel health interventions over time
- Generated statistical comparisons, data visualizations, and data interpretation using real-world evidence and clinical trial data to inform evaluations of treatment patterns, relative efficacy, and burden of illness
- Conducted Bayesian network meta-analyses to synthesize comparative evidence for disease therapeutics
- Coordinated research support between 40+ pro bono project teams and non-profit partner organizations

2018 **Monroe County Crime Analysis Center (MCAC)**

*Research Intern*

- Developed R programs to support law enforcement initiatives to understand geographic variations in patterns of opioid overdose across the Greater Rochester Area

2018 **Center for Strategic and International Studies (CSIS)**

*Research Intern*

- Developed a report analyzing the impact of political unrest in Nicaragua and Venezuela on health security
- Provided research and support for project on building global health capacity through poliovirus eradication

2018 **European Parliament**

*Legislative Intern*

- Researched policy proposals and drafted amendments to legislation pertinent to the committees of MEP Sirpa Pietikäinen: ENVI Committee on the Environment, Public Health and Food Safety; ECON Committee on Economic and Monetary Affairs

## COMMUNITY INVOLVEMENT

2020 - Present **Alliance for International Medical Action (ALIMA)**

*Associate Board Member*

2020 - Present **Les Centres GHESKIO**

*Volunteer Researcher*

2019 - Present **Prison Book Program**

*Volunteer*

## **SELECTED HONORS AND AWARDS**

- 2019        Helen S. Jones Award, University of Rochester Department of Political Science  
2019        Phi Beta Kappa, University of Rochester

## **SKILLS, LANGUAGES, INTERESTS**

**Research Skills:** Data analysis (*R, Excel, Python, Stata, SAS*), Programming (*Python, VBA, HTML, CSS*)

**Languages:** Chinese - Mandarin (*Intermediate*), French (*Beginner*)

**Interests:** Houseplants, experimental cooking, coffee brewing methods, dance (lyrical, hip hop, jazz)