

# ROCHELLE SUN

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Cambridge, MA 02138

## 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; Patterson-Lomba, O; Thompson, SF; Seminerio, M; Carr, K; Totev, TI; **Sun, R**; Yim, E; Mu, F; Ayyagari, R. [Real-World Effectiveness Of Fremanezumab In Migraine Patients Initiating Treatment in the United States: Results from a Retrospective Chart Study](#). *Journal of Headache and Pain*. 2022 Apr; 23(1):47.
- 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(1):56.
- 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; 8(12):559.

## CONFERENCE PRESENTATIONS

- 2022 Joseph, P; **Sun, R**; Mathon, JE; Macius, Y; Jean-Juste, MA; Guiteau, C; Koenig, S; Pape, JW. Maintaining patient care in the context of major and prolonged socio-political turmoil in Haiti through community care centers for ART distribution and viral load testing. Poster presented at *AIDS 2022, the 24<sup>th</sup> International AIDS Conference*.

- 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 - 2022 **Analysis Group, Inc.**  
*Senior Analyst - Health Economics and Outcomes Research (HEOR)*  
 Case experience: cost-effectiveness modeling, economic modeling, indirect treatment comparisons (Bayesian network meta-analyses, matching-adjusted indirect comparisons), systematic literature reviews, global pharmaceutical regulatory submissions; physician chart reviews, patient survey studies, data visualization and presentation.
- 2018 **Monroe County Crime Analysis Center (MCAC)**  
*Research Intern*
- 2018 **Center for Strategic and International Studies (CSIS)**  
*Research Intern*
- 2018 **European Parliament**  
*Legislative Intern*

## COMMUNITY INVOLVEMENT

- 2020 - Present **Alliance for International Medical Action (ALIMA)**  
*Associate Board Member*
- 2020 - Present **Les Centres GHESKIO**  
*Volunteer Research Associate*
- 2019 - 2022 **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, spicy foods, dance (lyrical, hip hop, jazz)