

CONTACT INFORMATION	Department of Government Harvard University 1737 Cambridge Street, Cambridge, MA 02138	rochellesun@g.harvard.edu <a href="https://rochellesun.github.io">rochellesun.github.io</a>
RESEARCH INTERESTS	Health Diplomacy, Health Security, Political Economy of International Aid, International Organizations, Political Methodology, Mixed Methods	
EDUCATION	<b>Harvard University</b> PhD in Political Science Graduate Student Affiliate, Weatherhead Center for International Affairs Graduate Student Affiliate, Institute for Quantitative Social Sciences Graduate Student Affiliate, Center for American Political Studies  <b>University of Rochester</b> BA in Political Science and Health Policy ( <i>Highest Distinction</i> )	Cambridge, MA 2022 – Present  Rochester, NY 2015 – 2019
PUBLICATIONS	<p>2022. Kim, N; Wang, J; Burudpakdee, C; Song, Y; Ramasamy, A; Xie, Y; <b>Sun, R</b>; Kumar, N; Wu, EQ; Sullivan, SD. <a href="#">Cost-effectiveness Analysis of Semaglutide 2.4 mg for the Treatment of Adult Patients with Overweight and Obesity in the United States</a>. <i>Journal of Managed Care and Pharmacy</i>. 28(7):740-752  <i>Most Viewed Publication of 2022 &amp; Most Cited Publication of 2023, Journal of Managed Care and Pharmacy</i></p> <p>2022. Driessen, MT; Cohen, JM; Patterson-Lomba, O; Thompson, SF; Seminerio, M; Carr, K; Totev, TI; <b>Sun, R</b>; Yim, E; Mu, F; Ayyagari, R. <a href="#">Real-World Effectiveness Of Fremanezumab In Migraine Patients Initiating Treatment in the United States: Results from a Retrospective Chart Study</a>. <i>Journal of Headache and Pain</i>. 23(1):47.</p> <p>2022. Driessen, MT; Cohen, JM; Thompson, SF; Patterson-Lomba, O; Seminerio, MJ; Carr, K; Totev, TI; <b>Sun, R</b>; Yim, E; Mu, F; Ayyagari, R. <a href="#">Real-world Effectiveness After Initiating Fremanezumab Treatment in US Patients With Episodic and Chronic Migraine or Difficult-to-Treat Migraine</a>. <i>Journal of Headache and Pain</i>. 23(1):56.</p> <p>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; <b>Sun, R</b>; Fleischmann, R. <a href="#">Upadacitinib compared with Adalimumab in the Treatment of Patients with Moderate-to-Severe Rheumatoid Arthritis</a>. <i>Rheumatology and Therapy</i>. 9(1):191-206.</p> <p>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; <b>Sun, R</b>; Pape, JW; Liautaud, BL; Koenig, SP. <a href="#">Superior Outcomes With Continuing Tenofovir Versus Switching to Zidovudine in Second-Line Antiretroviral Therapy in Haiti</a>. <i>Open Forum Infectious Diseases</i> 8(12):559.</p>	

UNDER REVIEW	Joseph, P; <b>Sun, R</b> ; Guiteau, C; Jean Juste, MA; Dorvil, N; Vilbrun, SC; Secours, R; Severe, K; Raymond, P; Cecoute, F; Jean Baptiste, W; Forrestale, GP; Cadet, S; Marcelin, A; Deschamps, MM; Dua, A; Cheung, HC; Pape, JW; Koenig, SP. <a href="#">High Rates of Retention and Viral Suppression with a Model of Community-Based HIV Care in a Setting of Severe Civil Unrest</a> . <i>Under review at Lancet Regional Health - Americas</i>
	Khera, N; Edwards, ML; Song, Y; <b>Sun, R</b> ; Manghani, R; Shin, H; Simantov, R; Signorovitch, J; Sivaraman, S; Gergis, U. Projected Impact of Omidubicel on Racial and Ethnic Disparities in Allogeneic Hematopoietic Cell Transplant Outcomes in Hematologic Malignancies. <i>Under review Transplantation and Cellular Therapy</i> .
	Driessen, M; Heinze, A; Afridi, S; Totev, TI; Krasenbaum, LJ; Terasawa, E; Akci-cek, H; Hipp, J; Dhiraj, D; <b>Sun, R</b> ; Yim, E; Yilma, B. Real-world Clinical Effectiveness Outcomes and Reductions in Migraine-related Medication and Health Care Resource Utilization for Patients Initiating Fremanezumab in Germany and the United Kingdom. <i>Under review at European Journal of Neurology</i> .
IN PROGRESS	Healthcare on the Battlefield: Cooperation and Conflict in the Shadow of War
	Political Economy of International Implementation Aid
	Measuring the Impact of Partisan Changes to International Family Planning Aid
CONFERENCE PRESENTATIONS	2023. Doctors Without Defenses: Haitian Health Systems Resilience During Socio-political Conflict. Poster presented at <i>Harvard Department of Government Annual Poster Session</i> . <i>Awarded Best First-time Graduate Student Poster Presenter</i> .
	2022. 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 <i>AIDS 2022, the 24th International AIDS Conference</i> .
	2022. Numbers Needed to Treat and Costs Per Improved Outcome Among Treatments for Myasthenia Gravis. Poster presented at <i>American Academy of Neurology Meeting</i>
	2022. Real-world Reductions in Health Care Resource Utilization for Patients with Migraine Initiating Fremanezumab in Germany. Poster presented at <i>European Academy of Neurology Annual Meeting</i> .
	2022. 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 <i>Transplantation &amp; Cellular Therapy Meetings of ASTCT and CIBMTR Tandem Meetings</i> .
	2021. 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 <i>63rd Annual Scientific Meeting of the American Headache Society</i> .

2021. 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*.

FIELD RESEARCH	Dakar, Senegal: Medical Humanitarian Aid Delivery in Conflict Settings	2023
SELECTED GRANTS AND AWARDS	Research Grant, Hansen & Vogelheim Research and Travel Fund for Africa	2024
	Research Grant, Weatherhead Center for International Affairs	2023
	Women and Politics Research Grant, Harvard Department of Government	2023
	Best First-time Graduate Student Poster, Harvard Department of Government	2023
	Helen S. Jones Award, University of Rochester	2019
	Phi Beta Kappa, University of Rochester	2019
PROFESSIONAL EXPERIENCE	<b>Research Assistant</b>	Remote
	Dr. Tom Frieden	2024 – Present
	Professor David Primo, Politics and Markets Project	2018 – 2019
	<b>Analysis Group</b> Health Economics and Outcomes Research	Boston, MA
	Senior Analyst	2019 – 2022
	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.	
	<b>Monroe County Crime Analysis Center (MCAC)</b>	Rochester, NY
	Research Intern, Opioid Task Force	2018
	<b>Center for Strategic and International Studies (CSIS)</b>	Washington, DC
	Research Intern, Global Health Policy Center	2018
	<b>European Parliament</b>	Brussels, Belgium
	Legislative Intern, MEP Sirpa Pietikainen	2018
PROFESSIONAL SERVICE	<b>Harvard University</b>	2023 – Present
	Chair – Graduate Student Association, Committee on Mental Health and Wellness	
	Coordinator – Job Market Workshops	
	<b>Alliance for International Medical Action (ALIMA)</b>	2020 – Present
	Associate Board Member	
	<b>Les Centres GHESKIO</b>	2019 – Present
	Research Associate	
SKILLS, LANGUAGES, INTERESTS	<b>Research Skills</b>	
	Data Analysis ( <i>R, Excel, Python, Stata, SAS</i> )	
	Programming ( <i>Python, VBA, HTML, CSS</i> )	
	Writing ( <i>LaTeX, Overleaf, Microsoft Word, EndNote, Zotero, BibTeX</i> )	

**Languages**

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

**Interests**

Houseplants, experimental cooking, spicy foods, dance (*lyrical, hip hop, jazz*)