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| CONTACT INFORMATION | Department of Government Harvard University 1737 Cambridge Street, Cambridge, MA 02138 | rochellesun@g.harvard.edu rochellesun.github.io |
| RESEARCH INTERESTS | Health Diplomacy, Health Security, Political Economy of International Aid, International Organizations, Political Methodology, Mixed Methods | |
| EDUCATION | Harvard University Cambridge, MA PhD in Political Science 2022 – Present Graduate Student Affiliate, Weatherhead Center for International Affairs Graduate Student Affiliate, Institute for Quantitative Social Sciences Graduate Student Affiliate, Center for American Political Studies | |
| | University of Rochester Rochester, NY BA in Political Science and Health Policy (<i>Highest Distinction</i>) 2015 – 2019 | |
| PUBLICATIONS | 2024. Khera, N; Edwards, ML; Song, Y; Sun, R ; Manghani, R; Shin, H; Simantov, R; Signorovitch, J; Sivaraman, S; Gergis, U. Projected Impact of Omidubicel-only on Racial/Ethnic Disparities in Allogeneic Hematopoietic Cell Transplantation (Allo-HCT) Outcomes in Hematologic Malignancies . <i>Advances in Therapy</i> . 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 . <i>Journal of Managed Care and Pharmacy</i> . 28(7):740-752 <i>Most Viewed Publication of 2022 & Most Cited Publication of 2023, Journal of Managed Care and Pharmacy</i> 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 . <i>Journal of Headache and Pain</i> . 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 . <i>Journal of Headache and Pain</i> . 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. Upadacitinib compared with Adalimumab in the Treatment of Patients with Moderate-to-Severe Rheumatoid Arthritis . <i>Rheumatology and Therapy</i> . 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 . <i>Open Forum Infectious Diseases</i> 8(12):559. | |

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| UNDER REVIEW | <p>Joseph, P; Sun, R; 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. High Rates of Retention and Viral Suppression with a Model of Community-Based HIV Care in a Setting of Severe Civil Unrest. <i>Under review at Lancet Regional Health - Americas</i></p> <p>Driessen, M; Heinze, A; Afridi, S; Totev, TI; Krasenbaum, LJ; Terasawa, E; Akci-cek, H; Hipp, J; Dhiraj, D; Sun, R; 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>.</p> |
| IN PROGRESS | <p>Healthcare on the Battlefield: Cooperation and Conflict in the Shadow of War</p> <p>Political Economy of International Implementation Aid</p> <p>Measuring the Impact of Partisan Changes to International Family Planning Aid</p> |
| CONFERENCE PRESENTATIONS | <p>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>.</p> <p>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>.</p> <p>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></p> <p>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>.</p> <p>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 & Cellular Therapy Meetings of ASTCT and CIBMTR Tandem Meetings</i>.</p> <p>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>.</p> <p>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 <i>Academy of Managed Care Pharmacy</i>.</p> |

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| 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 | Research Assistant | Remote |
| | Dr. Tom Frieden | 2024 – Present |
| | Professor David Primo, Politics and Markets Project | 2018 – 2019 |
| | Analysis Group 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. | |
| | Monroe County Crime Analysis Center (MCAC) | Rochester, NY |
| | Research Intern, Opioid Task Force | 2018 |
| | Center for Strategic and International Studies (CSIS) | Washington, DC |
| | Research Intern, Global Health Policy Center | 2018 |
| | European Parliament | Brussels, Belgium |
| | Legislative Intern, MEP Sirpa Pietikainen | 2018 |
| PROFESSIONAL SERVICE | Harvard University | 2023 – Present |
| | Chair – Graduate Student Association, Committee on Mental Health and Wellness | |
| | Coordinator – Job Market Workshops | |
| | Alliance for International Medical Action (ALIMA) | 2020 – Present |
| | Associate Board Member | |
| | Les Centres GHESKIO | 2019 – Present |
| | Research Associate | |
| SKILLS, LANGUAGES, INTERESTS | Research Skills | |
| | Data Analysis (<i>R</i> , <i>Excel</i> , <i>Python</i> , <i>Stata</i> , <i>SAS</i>) | |
| | Programming (<i>Python</i> , <i>VBA</i> , <i>HTML</i> , <i>CSS</i>) | |
| | Writing (<i>LaTeX</i> , <i>Overleaf</i> , <i>Microsoft Word</i> , <i>EndNote</i> , <i>Zotero</i> , <i>BibTeX</i>) | |
| | Languages | |
| | Chinese - Mandarin (<i>Intermediate</i>), French (<i>Beginner</i>) | |
| | Interests | |

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