

# BRAYAN VIEGAS SEIXAS

[REDACTED]

[REDACTED]

brayanseixas@ucla.edu

[REDACTED]

## EDUCATION

- 2022 PhD in Health Policy and Management (Cognate: Political Economy of Health)  
(expected) University of Los Angeles, California (UCLA)
- 2018 MSc in Population and Public Health (Concentration: Health Economics)  
University of British Columbia (UBC)
- 2014 Specialist in Integrated Educational Management  
Afonso Cláudio Institute of Higher Education
- 2012 Bachelor of Pharmacy (*Cum Laude*)  
Federal University of Rio de Janeiro (UFRJ)
- 2006 Biotechnology Technician  
Federal Institute of Education, Science and Technology of Rio de Janeiro (IFRJ)

## PUBLICATIONS

Macinko, J., **Seixas, B.V.**, Wooley, N., Andrade, F.B., Lima-Costa, M.F. (forthcoming)  
Characteristics of Brazilians aged 50 and over who received a positive doctor's diagnosis for SARS-CoV-2, the ELSI-COVID-19 Initiative. *Cadernos de Saúde Pública*.

Macinko, J., Wooley, N., **Seixas, B.V.**, Lima-Costa, M.F. (forthcoming) Healthcare seeking due to COVID-19 related symptoms and healthcare cancelations among older Brazilians (The ELSI-COVID-19 initiative). *Cadernos de Saúde Pública*.

**Seixas, B.V.**, Macinko, J. (2020). Unavailability of paid sick leave among parents is a barrier for children's utilization of nonemergency health services: Evidence from the National Health Interview Survey. *International Journal of Health Planning and Management*, Jun 21.

**Seixas, B.V.**, Mitton, C. (2020). Using a Formal Strategy of Priority Setting to Mitigate Austerity Effects Through Gains in Value: The Role of Program Budgeting and Marginal Analysis (PBMA) in the Brazilian Public Healthcare System. *Applied Health Economics and Health Policy*, May 29.

**Seixas, B.V.**, Dionne, F., Conte, T., Mitton, C. (2019) Assessing value in health care: using an interpretive classification system to understand existing practices based on a systematic review. *BMC Health Services Research*, 19: 560.

Mitton, C., **Seixas B.V.**, Peacock, S., Burgess, M., Bryan, S. (2019) Health Technology Assessment as Part of a Broader Process for Priority Setting and Resource Allocation. *Applied Health Econ Health Policy*, 17: 573.

Soril, L.J.J., **Seixas, B.V.**, Mitton, C., Bryan, S., Clement, F.M. (2018). Moving low value care lists into action: prioritizing candidate health technologies for reassessment using administrative data. *BMC Health Services Research*, 18(1):640.

**Seixas, B.V.**, Smith, N., Mitton, C. (2017). The Qualitative Descriptive Approach in International Comparative Studies: Using Online Qualitative Surveys. *International Journal of Health Policy and Management*, 7(9): 778-781.

**Seixas, B.V.** (2017). The No-Destination Ship of Priority-Setting: A Call for More Democracy. *International Journal of Health Policy and Management*, 7(4),345-348.

**Seixas, B. V.**, Mitton, C., Danis, M., Williams, I., Gold, M., & Baltussen, R. (2017). Should Priority Setting Also Be Concerned About Profound Socio-Economic Transformations? A Response to Recent Commentary. *International Journal of Health Policy and Management*, 6(12), 733–734.

**Seixas, B. V.** (2017). Welfarism and extra-welfarism: a critical overview. *Cadernos de Saúde Pública*, 33(8).

Estrela R.C., Ribeiro F.S., **Seixas B.V.**, Suarez-Kurtz G. (2008) Determination of lopinavir and ritonavir in blood plasma, seminal plasma, saliva and plasma ultra-filtrate by liquid chromatography/tandem mass spectrometry detection. *Rapid Communication in Mass Spectrometry*, 22:657–664.

## MANUSCRIPTS UNDER REVIEW

**Seixas, B.V.** (under review). Prevalence and Factors Associated with Use of Sleeping Pills Among Older Adults in Brazil. *International Journal of Pharmacy Practice*.

**Seixas, B.V.**, Freitas, G.R.M. (under review) Polypharmacy Among Older Brazilians: Prevalence, Factors Associated and Sociodemographic Disparities (ELSI-Brazil). *Global Health Research & Policy*.

**Seixas, B.V.** Regier, D. Bryan, S. Mitton, C. (under review). Describing practices of priority setting in publicly funded health care systems of high-income countries. *BMC Health Services Research*.

Szilagyi, P., Kominski, G., Localio, R., [et al, including **Seixas, B.V.**] (under review). Impact of a Communication Intervention for Clinicians on Missed Opportunities for HPV Vaccination: A Randomized Controlled Trial from the AAP Pediatric Research in Office Settings (PROS) Network. *JAMA Pediatrics*.

**Seixas, B.V.**, Dionne, F., Mitton, C. (under review). Practices of decision-making in priority setting and resource allocation: a rapid review and narrative synthesis. *Health Economics Review*.

## WORKING PAPERS

Fernandes, R., **Seixas, B.V.**, et al. Cost-Effectiveness of Varenicline and other Smoking Cessation Alternatives in the Brazilian Public Healthcare System.

**Seixas, B.V.**, Macinko, J. Examining the Relationship Between Domains of Childhood Disadvantage and Cognitive Performance in Later Life: Evidence from Brazil.

Felix, L.B., **Seixas, B.V.** Association Between Hunger in Childhood and Chronic Disease Among Older Brazilians (ELSI-Brazil).

**Seixas, B.V.**, Macinko, J. Robust Association Between Combined Childhood Disadvantage Events and Joint Burden of Chronic Disease: A Sensitivity-Based Approach Under Imperfect Identification.

## RESEARCH EXPERIENCE

- 2019-present Graduate Student Researcher  
UCLA Center for Health Policy Research  
*Project: Cost-effectiveness analysis of a multi-site intervention to increase HPV vaccination among youth in the US.*
- 2019 Graduate Student Researcher  
Graduate Summer Research Mentorship Program, UCLA  
*Project: Examining the relationship between childhood adversities and cognitive health in later life: evidence from Brazil.*
- 2016-2018 Research Assistant  
School of Population and Public Health, UBC  
*Project 1: Identifying and eliminating low-value care: creation of health technology reassessment framework (HTR) in the province of British Columbia.*  
*Project 2: Describing Practices of Priority Setting in Publicly Funded Health Care Systems of High-Income Countries.*
- 2017-2018 Health Economics Consultant  
Prioritize Consulting – Vancouver, Canada  
*Project: Evidence synthesis and recommendations for health organizations in the USA on priority setting practices and value assessment frameworks (funded by the US National Pharmaceutical Council).*
- 2011-2012 Research Intern  
Laboratory of Thermal Analysis, School of Chemistry, UFRJ  
*Project: Comparative study between DSC and the official methodologies in the determination of drug purity.*
- 2008-2009 Research Intern  
Laboratory of Medicinal Chemistry, Institute of Chemistry, UFRJ  
*Project: Evaluation of the Chemical Composition and Antibacterial Activity of Brazilian Varieties of Bee Propolis.*

2007-2008      Technical Intern  
Pharmacology Division, National Institute of Cancer – Rio de Janeiro, Brazil  
*Project: Determination of lopinavir and ritonavir in blood plasma, seminal plasma, saliva and plasma ultra-filtrate by liquid chromatography/tandem mass spectrometry detection.*

## **NON-ACADEMIC PROFESSIONAL EXPERIENCE**

2015-2017      Client Service Representative (Volunteering Position)  
Connect for Health & Basics for Health, Pain BC –Vancouver, Canada  
*Assistance for patients with chronic pain through phone/internet service in order to connect them with the social and healthcare resources they need.*

2013-2015      Quality Control Technologist  
Bio-Manguinhos, Fiocruz – Rio de Janeiro, Brazil  
*- Development and validation of analytical methods of vaccines and biopharmaceuticals.*  
*- Optimization of information management processes and practices of quality assurance.*

2009-2013      Quality Control Analyst  
Brazilian Navy Pharmaceutical Laboratory – Rio de Janeiro, Brazil  
*- Restructuring and implementation of standardized procedures (SOPs).*  
*- Development and validation of analytical methods.*

2011-2012      Pharmacist Intern  
University Pediatric Hospital IPPMG, UFRJ – Rio de Janeiro, Brazil  
*Management of medicines storage and distribution within hospital units.*  
*Pharmaceutical care at the outpatient unit.*

2010              Pharmacist Intern  
Primary care unit CMS Ernesto Zeferino Tibau Jr – Rio de Janeiro, Brazil  
*Pharmaceutical care to chronic disease patients.*  
*Planning and Management of pharmaceutical supply chain.*

## TEACHING EXPERIENCE

- 2020            Special Reader  
HPM 442 (graduate level): Integrated Healthcare Systems  
Department of Health Policy and Management, UCLA
- 2019            Teaching Assistant  
HPM 239 (graduate level): Decision Analysis and Cost-Effectiveness Analysis  
Department of Health Policy and Management, UCLA
- 2019            Graduate Student Mentor (Volunteering position)  
UCLA Graduate-Undergraduate Mentorship (GUM) Program
- 2017-2018      Research Mentor (Volunteering position)  
REX Mentorship Program, UBC – Vancouver
- 2015-2017      Science Instructor (Volunteering position)  
Let's Talk Science, Genome BC – British Columbia

## CONFERENCE PRESENTATIONS

**Seixas, B.V.**, Macinko, J. Association Between Domains of Childhood Disadvantage and Cognition Among Older Adults: Evidence from the Brazilian Longitudinal Study of Aging (ELSI-Brazil). **Poster presented** at the Academy Health Annual Research Meeting. (Held virtually due to Covid-19) July, 2020.

**Seixas, B.V.**, Mitton, C. What is This That We Are Measuring: Historical, Epistemological and Practical Reflections on Value-Based Care. **Poster presented** at the 2020 Conference of the Canadian Association of Health Services and Policy Research. (Held virtually due to Covid-19) May 2020.

**Seixas, B.V.**, Mitton, C. Using a Qualitative Descriptive Approach to Understand Decision-Making Practices in Priority Setting and Resource Allocation within Health Care Systems: An International Comparative Perspective. **Oral presentation** at the 25<sup>th</sup> Qualitative Health Research Conference. Vancouver, Canada: October 2019.

**Seixas, B.V.**, Mitton, C. Bridging Epistemological Gaps: HTA, Value Assessment and PSRA. **Oral presentation** at the Annual Meeting of Health Technology Assessment International (HTAi). Cologne, Germany: June 2019.

**Seixas, B.V.**, Mitton, C. HTA in its right place: within a broad priority-setting framework. **Oral presentation** at Priorities 2018 (International Society for Priorities in Health Care). Linköping, Sweden: September 2018.

**Seixas, B.V.**, Dionne, F., Conte, T., Mitton, C. Assessing value in health care: the horizon of existing frameworks. **Oral presentation** at Priorities 2018 (International Society for Priorities in Health Care). Linköping, Sweden: September 2018.

**Seixas, B.V.**, Brito, O. B., Cherem da Cunha, A.L. Comparative study between DSC and the official methodologies in the determination of drug purity. **Poster presented** at the VIII Brazilian Congress and III Pan-American Congress on Thermal Analysis and Calorimetry. Campos do Jordão, Brazil: April, 2012.

## **HONORS AND AWARDS**

2016 UBC International Tuition Award  
2017 UBC International Tuition Award  
2016 UBC Faculty of Medicine Graduate Support Initiative Award  
2018 Ursula Mandel Scholarship  
2018 UCLA Department of Health Policy and Management Fellowship  
2019 UCLA Department of Health Policy and Management Fellowship  
2019 UCLA Fielding School of Public Health Travel Grant  
2019 UCLA Graduate Summer Research Mentorship Program  
2020 UCLA Canadian Studies Conference Travel Grant  
2020 UCLA Graduate Summer Research Mentorship Program  
2020 UCLA Department of Health Policy and Management Fellowship  
2020 UCLA Affiliates Scholarship

## **INVITED TALKS**

2019 “Creating and operationalizing your own research project” (Oct. 17)  
Guest lecture at the doctoral course HPM 225A (Instructor: Dr James Macinko)  
Department of Health Policy and Management, UCLA

- 2017 “Disinvestment practices in health care” (Nov. 6)  
 Guest lecture at the course HSCI 471 D200 ‘Priority Setting in Health Care’  
 (Instructor: Dr Stuart Peacock)  
 Simon Fraser University, British Columbia, Canada
- 2017 “Health Technology Reassessment and Disinvestment Practices: Lessons from  
 Around the World” (Oct. 14)  
 Guest lecture at the MHA course SPHA 533 ‘Health Care Priority Setting’  
 (Professor: Dr Craig Mitton)  
 University of British Columbia, Vancouver, Canada
- 2014 “Epistemological paradigms and the pharmaceutical field”.  
 Guest lecture in the undergraduate course ‘Scientific Methodology’  
 (Instructor: Dr Luiz Eduardo R. Carvalho)  
 Faculty of Pharmacy, Federal University of Rio de Janeiro.

## **REVIEWER FOR INTERNATIONAL JOURNALS**

- Value in Health (Regional Issues)
- BMC Public Health
- BMC Health Services Research
- BMJ Open
- International Journal of Health Policy and Management

## **OTHER ACADEMIC-RELATED ACTIVITIES**

- 2020 Graduate Student Researcher affiliated to the UCLA California Center for  
 Population Research
- 2017-2018 Event Coordinator at the Student Chapter of the International Society for  
 Pharmacoeconomics and Outcomes Research at UBC
- 2008-2009 Coordinator of Politics at the Pharmacy Student Union  
 Federal University of Rio de Janeiro
- 2008-2010 Organizer of the National Campaign for Rational Use of Medications  
 Faculty of Farmacy, Federal University of Rio de Janeiro



## **SKILLS**

LANGUAGES: Portuguese (native); English (fluent); Spanish (fluent); French (advanced).

SOFTWARE: R; STATA; Python; TreeAge; EQS; NVivo; Microsoft Excel.