

# J. Felipe MONTANO-CAMPOS

✉ [jfelipem@usc.edu](mailto:jfelipem@usc.edu)  [Google Scholar](#)  [LinkedIn](#)

## EDUCATION

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- 2021- 2025 Ph.D in HEALTH ECONOMICS AND OUTCOMES RESEARCH,  
**CHOICE Institute at the University of Washington, USA.** GPA: 3.9  
*Private Choices in Public Health: A Framework for Economic Epidemiological Modeling of Infectious Diseases*
- 2019-2020 M.S in COMPUTER SCIENCE AND ECONOMICS, **Duke University, USA.** GPA: 3.9  
Major in Computer Science  
Merit-based Scholarship
- 2015 M.A in ECONOMICS, **Universidad de San Andrés, Argentina.** GPA: 3.9  
Concentration in Behavioral Economics and Individual Choice  
Merit-based Scholarship
- 2010-2014 B.A in ECONOMICS, **Universidad de Buenos Aires, Argentina.** GPA: 3.7  
Ranked in Top 10%

## ACADEMIC AND WORK EXPERIENCE

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- OCT 2025 - PRESENT | **University of Southern California (USC) – Schaeffer Center for Health Policy & Economics, LOS ANGELES, CA**  
Postdoctoral Fellow in Health Economics and Data Science
- Conducting advanced health economics and outcomes research focused on pharmaceutical policy, real-world evidence, and machine learning applications in healthcare.
- JAN 2022–SEPT 2025 | **CHOICE Institute – University of Washington, SEATTLE, WA**  
Graduate Research Scientist
- **Personalized Risk-Adaptive Surveillance Strategies in Cancer (PRAISE):** Built ML models on longitudinal biomarkers and adherence data to predict relapse risk in CML, enabling risk-adapted surveillance.
  - **RAPIDS Diabetes Model:** Designed micro-simulation to project treatment, biomarker, and outcome trajectories, quantifying impacts of out-of-pocket costs on adherence and progression.
  - **HRQoL Analysis:** Modeled survey data from U.S. and Argentina to test alignment of self-reported health with societal utility scores, identifying systematic disparities.
  - **Behavioral Epidemiology:** Integrated econometric analysis and dynamic transmission modeling to examine how private preventive behaviors and risk perception shape epidemic outcomes and policy effectiveness.
- OCT 2024- JUN 2025 | **Bill and Melinda Gates Foundation, SEATTLE, WA**  
Consultant
- Leading the re-analysis of the DRC PBF dataset to evaluate the impact of financial reforms on healthcare service utilization and outcomes.
- AUG 2023 - DEC 2024 | **Washington Research Foundation Fellowship, SEATTLE, WA**  
Economic Modeling: Gene Therapy for Sickle Cell Disease.
- JUL 2024 - SEPT 2024 | **Creative Destruction Lab, SEATTLE, WA**  
JUL 2025 - SEPT 2025 | **Scientific Advisor**
- Conduct a comprehensive assessment of emerging early-stage life science ventures for the upcoming CDL Computational Health cohort.

JUN 2024- SEPT 2024	<b>Guardant Health, PALO ALTO, CA</b> Health Economics and Outcomes Research Intern <ul style="list-style-type: none"> <li>• Designed decision model demonstrating clinical and economic benefits of ctDNA-guided imaging for early cancer recurrence.</li> </ul>
JUN 2023- DEC 2023	<b>Fred Hutchinson Cancer Center, SEATTLE, WA</b> Research Assistant <ul style="list-style-type: none"> <li>• <b>Economic Modeling:</b> How does additional risk stratification by PSMA-PET/CT alter the treatment patterns and costs for prostate cancer patients at biochemical recurrence.</li> </ul>
SEPT 2020- AUG 2021	<b>Center for Informing Health Decisions - Duke Clinic Research Institute, DURHAM, NC</b> Research Economist <ul style="list-style-type: none"> <li>• Conduct stated-preference studies to evaluate benefit-risk tradeoffs, patient-centered value, and their application in clinical decision making</li> </ul>
JUN 2020- AUG 2021	<b>Duke Center for AIDS Research, DURHAM, NC</b> Data Scientist - Researcher <ul style="list-style-type: none"> <li>• Applied unsupervised learning (mixture models) to identify latent patient subgroups, revealing risk factors for care disengagement and adherence in AIDS treatment.</li> </ul>
AGO 2019-MAY 2020	<b>Duke University, DURHAM, NC</b> Data Scientist - Researcher (Professor Erica Field's project) <ul style="list-style-type: none"> <li>• Developed a <b>machine-learning</b> algorithm on Job Talash platform data to predict job search behavior and identify key drivers of employment matching.</li> </ul>
2017-2018	<b>University of California, LOS ANGELES, CA</b> Research Assistant to Professor Ricardo Perez-Truglia <ul style="list-style-type: none"> <li>• Behavioral Economics research.</li> </ul>
JULY 2016-2018	<b>Universidad de San Andrés, BUENOS AIRES, AR</b> Research Assistant to Professor Federico Weinschelbaum
JUL-DEC, 2017 SEP-DEC, 2016	<b>IDB - Inter American Development Bank</b> <i>External Consultant</i> <ul style="list-style-type: none"> <li>• Developed evaluation frameworks and impact methodologies to support policy and program assessment.</li> </ul>
2016	<b>CIPPEC (Center for the Implementation of Public Policies Promoting Equity and Growth)</b> <i>Research Assistant in the Economic Development Department</i> <ul style="list-style-type: none"> <li>• Designed controlled experiments and applied econometric models to evaluate economic development policies.</li> </ul>

## ACADEMIC PUBLICATIONS - SELECTED PUBLICATIONS

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- Montano-Campos, J. Felipe, et al. "Do Generic Population Utility Scores Accurately Represent Real-World Experienced Health?" *Quality of Life Research* (Forthcoming).
- Montano-Campos, J. Felipe, and Blythe Adamson. "Treatment (as Prevention) Availability and Individuals' Behavior: A Cost-Effectiveness Analysis of Cabotegravir Long-Acting Injectable PrEP." *PharmacoEconomics-Open* (2025): 1-16.
- Montano-Campos, J. Felipe, et al. "Bridging Data Gaps and Predicting Future Trends: A Local Imputation and Prediction Algorithm for Continuous Biomarker Monitoring in Chronic Myeloid Leukemia." *Work in Progress*
- Montano-Campos, J. Felipe, et al. "Oncologist-Patient Concordance and Treatment Adherence in Chronic Myeloid Leukemia." *JAMA Network Open* 8.4 (2025): e258039-e258039.
- Montano-Campos, J. Felipe, et al. "Using Early Biomarker Change and Treatment Adherence

to Predict Risk of Relapse Among Patients With Chronic Myeloid Leukemia Who Are in Remission." *JCO Clinical Cancer Informatics* 9 (2025): e2500003.

- Maxfield, Charles M., Montano-Campos, J. Felipe, et al. "The influence of extracurricular activities on radiology resident selection decisions." *Journal of the American College of Radiology* 21.6 (2024): 949-958.
- Montano-Campos, J. Felipe, et al. "Unintended consequence: Diversity as a casualty of eliminating USMLE Step 1 scores." *Journal of the American College of Radiology* (2023).
- Montano-Campos, J. Felipe, et al. "Association of neighborhood deprivation with healthcare utilization among persons with HIV: a latent class analysis." *Open Forum Infectious Diseases*. Oxford University Press, 2023.
- Montano-Campos, J. Felipe, et al. "Use of Patient Preferences Data Regarding Multiple Risks to Inform Regulatory Decisions." *MDM Policy & Practice* 8.1 (2023): 23814683221148715.
- Maxfield, Charles M., Montano-Campos, J. Felipe, et al. "Factors influential in the selection of radiology residents in the post-Step 1 world: a discrete choice experiment." *Journal of the American College of Radiology* 18.11 (2021): 1572-1580.
- Chen, V. Z., Montano-Campos, F., Zadrozny, W., & Canfield, E.. "Machine Reading of Hypotheses for Organizational Research Reviews and Pre-trained Models via R Shiny App for Non-Programmers." arXiv preprint arXiv:2106.16102 (2021).
- Montano-Campos, Felipe, and Ricardo Perez-Truglia. "Giving to charity to signal smarts: evidence from a lab experiment." *Journal of behavioral and experimental economics* 78 (2019): 193-199.
- Montano-Campos, J. Felipe. "Conspicuous consumption: an evolutionary game theory explanation." Available at SSRN 3067735 (2017).
- Cardinale Lagomarsino, Bruno, Matías Gutman, Lucía Freira, María Laura Lanzalot, Maximiliano Lauletta, Leandro E. Malchik, J. Felipe Montano-Campos, Bianca Pacini, Martín A. Rossi, and Christian Valencia. "Peer pressure: Experimental evidence from restroom behavior." *Economic Inquiry* 55.3 (2017): 1579-1584.
- Link to my [Google Scholar](#)

## POLICY REPORTS & MEDIA WORK

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- Agosto, W. Eliano, E. Brosio, M and Montano Campos, F. (September 2016). **Budget 2017: More Realism, Fiscal Deficit and new modality of Financing**. Technical Report. Buenos Aires: CIPPEC. ([Link](#))
  - **Media Coverage:** La Nacion, IEFPA, El Cronista, Parlamentario.
- Giarrizzo, V, and Montano Campos, F. (August 2016). **The Capital Stock in the SME Industry: Conditions to Modernize the Machinery and Capital Stock**. Public Policy Report N. 172. Buenos Aires: CIPPEC. ([Link](#))
  - **Media Coverage:** La Nacion, El cronista, El Litoral

## TEACHING EXPERIENCE

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SPRING 2024	TEACHING ASSISTANT at <b>Univ. of Washington - HServ/HEOR Department</b> Causal Inference Using Observational Data (Prof. Anirban Basu) - Graduate Level
FALL 2020	TEACHING ASSISTANT at <b>Duke University - CompSci Department</b> Machine Learning (Prof. Cynthia Rudin) - Graduate Level
2016-2018	TEACHING ASSISTANT at <b>Universidad de San Andrés</b> International Monetary Economics, Introductory Microeconomics, Behavioral Economics, Industrial Organization (Graduate level ) and, Microeconomic Analysis (Graduate Level)

2013-2016 | TEACHING ASSISTANT (AD HONOREM) at **Universidad de Buenos Aires**  
Introductory and Intermediate Microeconomics

## CONFERENCES & SEMINARS PRESENTATIONS

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- 2024 International Academy of Health Preferences Research (IAHPR) **(Presented)**.
- 2024 Program in Health Economics and Outcomes Research Methodologies (PHEnOM): School of Public Health at the University of Washington **(Presented)**.
- 2022, 2023 and 2024, Society for Medical Decision Making (SMDM) - **(Presented)**
- 2022, 2023, 2024 and 2025, CHOICE Seminar - **(Presented)**
- 2022, 2023 and 2024, ISPOR Conference - **(Presented)**
- 2020, Fall retreat at *The Center for Aids Research at Duke* - **(Presented)**
- 2020 Quantitative Summer Internship Weekly Seminar at *The Center for Aids Research at Duke* - **(Presented)**
- 2017 LII Annual Reunion of the Argentine Association of Political Economy at *Universidad Nacional de Rio Negro, Argentina* - **(Presented)**
- 2016 LI Annual Reunion of the Argentine Association of Political Economy at *Universidad Nacional de Tucuman, Argentina* - **(Presented)**
- 2015 L Annual Reunion of the Argentine Association of Political Economy at *Universidad Nacional de Salta, Argentina* - **(Presented)**

## AWARDS

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- Poster Presentations Award, Western Pharmacoeconomics Conference (WPEC), Seattle, 2025.
- Latino Center for Health Graduate Student Scholar Fellowship (2023-2024).
- The Louis Sr. and Marilyn Garrison Endowed Prize in Health Policy and Economics (2023).
- CHOICE Institute Graduate Student Fellowship (2021).
- LII Annual Reunion of the Argentine Association of Political Economy: Young Researcher Prize (2017).

## PEER REVIEW SERVICE

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- Reviewer for: *Value in Health, Quality of Life Research, Medical Decision Making, Psychiatric Services, Journal of Medical Internet Research.*

## LEADERSHIP

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- Member and Officer of the **Latine International Graduate Students Association** (LIGSA).
- Student leader on the **Ph.D. Admissions Committee** at the CHOICE Institute, UW.
- Treasurer, **ISPOR Student Chapter**, University of Washington.
- Member of the **UWSOP Diversity, Equity, Inclusion** Council.
- **Curriculum Committee Member**, Graduate Programs, CHOICE Institute, UW.
- **Student Representative** at the CHOICE Institute, University of Washington.
- Led Graduate Working Group, Duke University Center for International & Global Studies.

## VOLUNTEER

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- Team **Organizer** for the CHOICE Institute's Soccer Team.
- **Student Leader**, Annual Retreat Organizer for the CHOICE Institute 2022.
- **Teaching Assistant & Thesis Mentor**, Economics, Universidad de Buenos Aires.
- **Social Work** at *Teresa de los Andes*, Bolivia

## SKILLS AND INTERESTS

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**Coding Skills** Python and R (**proficient**), STATA, SAS and ArcGIS.  
**Comp. Sci. Skills:** Machine Learning, NLP, Computer Vision and Deep Learning.  
**Statistical Skills** Decision Science, Probability Theory, Inference, MLE, OLS, GMM, Bootstrap, Causal Inference and Identification, Discrete choice models, time series and Bayesian statistics  
**Languages** Spanish, English, and Portuguese (Basic Knowledge)  
**Interests** Behavioral Sciences & Decision Modeling, Machine Learning, Soccer, Piano and History

## REFERENCES

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**Anirban Basu**  
CHOICE Institute  
School of Pharmacy  
UNIVERSITY OF WASHINGTON

**Shelby D. Reed**  
Department of Population Health Sciences  
Duke Clinic Research Institute  
DUKE UNIVERSITY

**Brittany Hagedorn**  
Senior Research Scientist  
BILL & MELINDA GATES FOUNDATION

**Louis Garrison**  
CHOICE Institute  
UNIVERSITY OF WASHINGTON

**Shaun Forbes**  
Associate Director of HEOR  
GUARDANT HEALTH