

## FYNNWIN PRAGER CURRICULUM VITAE

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### APPOINTMENTS

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Director, School of Public Service and Justice, CBAPP, CSUDH, 2023-

Co-Director, South Bay Economics Institute, CBAPP, CSUDH. 2016-

CREATE Fellow, Center for Risk and Economic Analysis of Terrorism Events, University of Southern California. 2016-

Post-doctoral Research Associate, Center for Risk and Economic Analysis of Terrorism Events (CREATE), Sol Price School of Public Policy, University of Southern California. 2013-2015.

### EDUCATION

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Ph.D. Policy, Planning, and Development, Sol Price School of Public Policy, University of Southern California. 2013.

*Advisors:* Gary Painter and Adam Rose.

*Dissertation title:* The Economic and Political Impacts of U.S. Federal Emissions Trading Policy Across Households, Sectors and States.

Master of Public Policy, Sol Price School of Public Policy, University of Southern California, 2008.

B.Sc. (Hons) International Relations, London School of Economics and Political Sciences, 2006.

### RESEARCH INTERESTS

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Environmental policy, computable general equilibrium modeling, policy analysis, transportation systems, telecommuting, economic impacts of disasters and terrorism events.

### PUBLICATIONS

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#### Peer-Reviewed Journal Articles

1. Prager, F. Mendoza, M., Huyck, C.K., Rose, A., Amyz, P., Yetman, G., Tiampo, K.F. (2023) Applying Earth Observation Technologies to Economic Consequence Modeling: A Case Study of COVID-19 in Los Angeles County, California. *International Journal of Disaster Risk Science*. DOI: 10.1007/s13753-024-00543-z
2. Ke, J., Prager, F., & Martinez, J. (2023). Revisiting the competitive analysis framework. *Journal of Supply Chain and Operations Management*, 21(1)
3. Prager, F., Rhoads, M., & Martínez, J. N. (2022). The COVID-19 economic shutdown and the future of flexible workplace practices in the South Bay region of Los Angeles County. *Transport Policy*, 125, 241-255.
4. Asencio, H. D., Prager, F., Martínez, J. N., & Tamura, J. (2022). The impact of local government

- economic development programs on city-level entrepreneurial activity: evidence from Southern California. *Journal of Entrepreneurship and Public Policy*, 11(2/3), 112-134.
5. Roberts, B., Prager, F., Baschnagel, C., Rose, A., & Shears, B. (2021). The economic benefits of trade facilitation: US customs and border protection's centers of excellence and expertise program. *The World Economy*, 44(2), 346-66
  6. Prager, F., Chen, Z., and Rose, A. (2018). Estimating and comparing economic consequences of multiple threats: A reduced-form computable general equilibrium approach. *International Journal of Disaster Risk Reduction* 31, 45-57.
  7. Martinez, J.N., Prager, F. and Kattan, C. (2017). Foreign direct investment and agglomeration in six southern California counties. *Journal of Applied Business and Economics*. 19(9), 60-82.
  8. Chen, Z., Rose, A., Prager, F. and Chatterjee, S. (2017). Economic consequences of aviation system disruptions: A reduced-form computable general equilibrium analysis. *Transportation Research Part A: Policy and Practice*, 95, 207-226.
  9. Prager, F., Wei, D. and Rose, A. (2017). Economic consequences of an Influenza outbreak in the United States. *Risk Analysis*. 37(1), 4-19.
  10. Prager, F., Rose, A., Wei, D., Roberts, B., and Baschnagel, C. (2015). Economy-wide impacts of reduced wait times at U.S. international airports. *Research in Transportation Business and Management*. 16, 112-120.
  11. Prager, F. (2014). Behavioral Responses to the London July 2005 Bombings: Making Deductions from Counterfactual Estimation and Regression Analysis. *Sage Research Methods Cases*. <http://dx.doi.org/10.4135/978144627305013514662>
  12. Rosoff, H., John, R., and Prager, F. (2012). Flu, Risks, and Videotape: Escalating Fear and Avoidance, *Risk Analysis* 32(4), 729-43.
  13. Rose, A., Wei, D. and Prager, F. (2012). Distributional Impacts of Greenhouse Gas Emissions Trading: Alternative Allocation and Recycling Strategies in California. *Contemporary Economic Policy*. 30(4), 603-17.
  14. Cox, A., Prager, F. and Rose A. (2011). Transportation Security and the Role of Resilience: A Foundation for Operational Metrics, *Transport Policy*, 18(2), 307-317.
  15. Prager, F., Beeler Asay, G.R., Von Winterfeldt, D. and Lee, B. (2011). Exploring Reductions in London Underground Passengers following the 2005 Bombings. *Risk Analysis*, 31(5), 773-786.

### Books

16. Martin, C.A. and Prager, F. (2019). *Terrorism: An International Perspective*. Sage, London.
17. Rose, A., Prager, F., Chen, Z., Chatterjee, S. with Wei, D., Heatwole, N., and Warren, E. (2017). *Economic Consequence Analysis of Disasters – The E-CAT Software Tool*. Springer, Singapore.

### Book Chapters

18. Prager, F., Martinez, J., & Cagle, C. (2021). Blockchain and Regional Workforce Development: Identifying Opportunities and Training Needs. In Reddick, C., M.P. Rodriguez-Bolivar, and H.J. Scholl (Eds) *Blockchain and the Public Sector: Theories, Reforms, and Case Studies* (pp. 47-72). Springer, Cham.
19. Roberts, B. Rose, A. Heatwole, N., Wei, D., Avetisyan, M., Prager, F., Baschnagel, C., and Maya, I. Economic impacts of changes in wait times at U.S. ports of entry (2017) in Abbas, A., Tambe, M., and von Winterfeldt, D. (eds) *Improving Homeland Security Decisions*, Cambridge University Press.
20. Schweitzer, L., Murray-Tuite, P., Inloes, D., Rhoads, M., and Prager, F. (2012). Freight Security and Livability: US Toxic and Hazardous Events from 2000 to 2010, in *Security Aspects of Uni- and Multimodal Hazmat Transportation Systems* (eds Reniers, G.L.L. and Zamparini, L.), Wiley-VCH Verlag GmbH & Co. KGaA, Weinheim, Germany.

### Press Articles

21. Prager, F., Rhoads, M., & Martínez, J. N. (2022). The COVID-19 pandemic has changed work and commuting in Los Angeles for good. *USApp–American Politics and Policy Blog*. <https://blogs.lse.ac.uk/usappblog/2022/07/11/the-covid-19-pandemic-has-changed-work-and-commuting-in-los-angeles-for-good/>
22. M. Rhoads and Prager, F. (March 7, 2020) Telecommuting could curb the coronavirus epidemic. *The Conversation*. <https://theconversation.com/telecommuting-could-curb-the-coronavirus-epidemic-133308>
23. M. Rhoads and Prager, F. (January 9, 2020) Telecommuters create positive change – so why aren't employers more flexible about people working from home? *The Conversation*. <https://theconversation.com/telecommuters-create-positive-change-so-why-arent-employers-more-flexible-about-people-working-from-home-127488>

## Technical Reports

24. Prager, F. Mendoza, M., Huyck, C.K., Rose, A., Amyz, P., Yetman, G., Tiampo, K.F. (2022). EO-Based Technologies for Economic Modeling: Application to COVID-19. Report to NASA Disasters Program (Earth Sciences, Applied Sciences)
25. Lu, T., Ke, J.Y., Prager, F., & Martinez, J.N. (2022). “TELE-commuting” During the COVID-19 Pandemic and Beyond: Unveiling State-wide Patterns and Trends of Telecommuting in Relation to Transportation, Employment, Land Use, and Emissions in Calif. <https://transweb.sjsu.edu/research/2147-Telecommuting-COVID-19-Employment>
26. Ke, J., Prager, F., and Martinez, J.N. (2021) Achieving Excellence for California's Freight System: Developing Competitiveness and Performance Metrics Incorporating Sustainability, Resilience and Workforce Development. <https://transweb.sjsu.edu/research/2023-California-Freight-System>
27. Martinez, J.N. Prager, F., Brodmann, J., Ke, J.Y., Garza, N., and Salari, M. (2022) South Bay Economic Forecast Report. <https://www.csudh.edu/uce/economic-forecast/>
28. Martinez, J.N. Prager, F., Brodmann, J., Ke, J.Y., Garza, N., and Salari, M (2021) South Bay Economic Forecast Report. <https://www.csudh.edu/uce/economic-forecast/>
29. Martinez, J.N. Prager, F., and Brodmann, J., (2020) South Bay Economic Forecast Report. <https://www.csudh.edu/uce/economic-forecast/>
30. Prager, F., Rhoads, M., Martinez, J.N., Cagle, C., Baum, A., and Bacharach J. (2019). The “GO-Virtual Initiative” – Using flexible workplace practices to reduce traffic congestion, increase economic development, and provide more access to affordable housing choices in the South Bay Region of Los Angeles County. Published by the Mineta Transportation Institute. <https://transweb.sjsu.edu/research/1860-Flexible-Workplaces-South-Bay>
31. Martinez, J.N., Prager, F. and El Hag, S. (2019). Survey of Faculty and Staff Housing Choices. For CSU Dominguez Hills Offices of Administration and Finance and Academic Affairs. Published by the South Bay Economics Institute.
32. Prager, F., Martinez, J.N., Daniels, B., and Cadena A. (2019). The Impact of Blockchain on the South Bay Economy for South Bay Workforce Investment Board. Published January 2019. <https://www.sbwib.org/blockchain>
33. Martinez, J.N., Prager, F. and Kattan, C. (2017). Foreign Direct Investment in Southern California for Los Angeles World Trade Center, submitted June 2017.
34. Rose, A., Prager, F., Chen, Z., Chatterjee, S., Wei, D., Heatwole, N., and Warren, E. (2015). Economic Consequence Analysis Tool (E-CAT). Submitted to U.S. National Biosurveillance Integration Center.
35. Rose, A., Prager, F., Wei, D., and Lahri, S. (2015). Broadening Economic Modeling for Biosurveillance Analysis. *Washington, DC: National Biosurveillance Integration Center (US Report, HSHQDC-13-J-00305*.
36. Roberts, B, Baschnagel, C., Prager, F., Foreman, K., Rose, A., Heatwole, N. and Shears, B. (2015) Economic benefits of CBP centers of excellence and expertise. Submitted to U.S. Customs and Border Protection.

37. Roberts, B., McGonegal, S., Prager, F., Wei, D., Rose, A., Baschnagel, C., Beggs, T. and Baghelai, O. (2014). Analysis of Primary Inspection Wait Time at U.S. Ports of Entry. Report to Customs and Border Protection.
38. Rose, A., Wei, D., and Prager, F. (2010). Impacts of Climate Policy on the California Economy. In Designing the Allocation Process for California’s Greenhouse Gas Emissions Trading Program: The multi-billion dollar question. December 2010. Submitted to Next10.
39. Prager, F., and von Winterfeldt, D. (Eds.). (2009). Behavioral Changes Following Terrorist Attacks: International Comparisons. Report for METRANS Transportation Center, USC.

## Working Papers

1. Prager, F., Martinez, J.N., Brodmann, J., and Munsen, C. Cannabis Licensing and Municipal Revenues in California.
2. Munsen, C., Prager, F., Brodmann, J., and Martinez, J.N. Policy Analysis for California Municipal Policy to Promote Social Equity
3. Brodmann, J., Munsen, C., Prager, F., and Martinez, J.N. Cannabis Business Ownership Demographics
4. Prager, F., Martinez, J.N., Lu, T., and Ke, J.Y. California Travel Behavior During The COVID-19 Pandemic

## GRANTS

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Jin, Q., Prager, F., Martin, G., Yang, Z., Ke, J.Y., Jalooli, A., and Boadi, A. Securing the Future of Los Angeles: CSUDH Homeland Security Initiative. \$1,000,000, funded by Department of Homeland Security. July 2023-June 2028.

Lu, T., Prager, F., Membere, A., and Chhetri, P. Is parking cash-out worth it? Comparing the cost-effectiveness and climate and equity benefits in the Bay Area and South Coast Air Quality Management Districts. \$75,000, funded by the CSU Transportation Consortium. June 2023-May 2024.

Lu, T., Ke, J.Y., Prager, F., Salari, M., and Valladolid, P. Should state land in Southern California be allocated to warehousing goods or housing people? Analyzing transportation, climate, and unintended consequences of supply chain solutions. \$75,000, funded by the CSU Transportation Consortium. June 2022-May 2023.

Lu, T., Ke, J.Y., Prager, F., and Martinez, J.N. “TELE-commuting” during the COVID-19 pandemic and beyond: Unveiling state-wide patterns and trends of telecommuting in relation to Transportation, Employment, Land use, and Emissions in California. \$75,000, funded by the CSU Transportation Consortium. June 2021-May 2022.

Samad, A., Maladi, R., Martinez, J.N., Brodmann, J., and Prager, F. The Cannabis Industry in South Bay Los Angeles. \$1,866,311, funded by California Bureau of Cannabis Control. April 2021-March 2023

Ke, J., Prager, F., and Martinez, J.N. Achieving Excellence for California’s Freight System: Developing Competitiveness and Performance Metrics Incorporating Sustainability, Resilience and Workforce Development. \$75,000, funded by the CSU Transportation Consortium. June 2020-May 2021.

J.N. Martinez and Prager, F. Survey of Faculty and Staff Housing Choices. \$21,750; funded by CSU Dominguez Hills Offices of Administration and Finance and Academic Affairs. Published by the South Bay Economics Institute.

Prager, F., Rhoads, M., Martinez, J.N., Cagle, C., Baum, A., and Bacharach J. The “GO-Virtual Initiative” – Using flexible workplace practices to reduce traffic congestion, increase economic development, and provide more access to affordable housing choices in the South Bay Region of Los

Angeles County. \$115,000; funded by the California State University Transportation Consortium at Mineta Transportation Institute and South Bay Workforce Investment Board. April 2018-December 2018.

F. Prager and Martinez, J.N. The Impact of BlockChain on the South Bay Economy. \$45,000; funded by South Bay Workforce Investment Board. January 2018-June 2018.

J.N. Martinez and Prager, F. Survey of Foreign-Owned Businesses in Southern California. \$101,600; funded by Los Angeles World Trade Center and CSU Dominguez Hills. August 2016-June 2017.

#### **SELECT CONFERENCE PAPERS AND PRESENTATIONS**

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Los Angeles Economic Development Corporation Future Forum. Panelist in discussion on the Future of Goods Movement and Workforce Development. December 14, 2022.

Prager, F. Mendoza, M., Huyck, C.K., Rose, A., Amyz, P., Yetman, G., Tiampo, K.F. EO-Based Technologies for Economic Modeling: Application to COVID-19. AGU Fall Meeting 2021. December 13, 2021.

Los Angeles Economic Development Corporation Future Forum. Panelist in discussion on the Future of Manufacturing and Workforce Development. June 26, 2019.

CSUDH South Bay Economic Forecast. Presenter and Panelist. Annually in October (2016-2022)

Two-day seminar and workshops for EcoHealth Alliance on Computable General Equilibrium modeling, the Economic Consequence Analysis of Disasters, and the E-CAT Software Tool. October 19-20<sup>th</sup>, New York.

Martinez, J.N. and Prager, F. (2017) Foreign Direct Investment in Southern. Select LA, 2017, Los Angeles, June 2017.

Martinez, J.N., Prager, F. and Kattan, C. (2017) Foreign Direct Investment in Southern. *Western Decision Sciences Institute*, Vancouver, April 2017.

Rose, A., Prager, F., Chen, Z., and Chatterjee, S. Economic Consequence Analysis Tool (E-CAT) for Disasters. *North American Meetings of the Regional Science Association International*, Portland, November 2015.

Prager, F., Wei, D. and Rose, A. (2015). National and Regional Economic Consequences of an Influenza Outbreak in the United States. *Western Regional Science Association*, Tucson, February 2015.

#### **TEACHING EXPERIENCE**

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At CSUDH: PUB 500 Environment and Practice of Public Administration, PUB 502 Administrative Theory and Behavior, PUB 300 Foundations of Public Administration, PUB 595 Economics for Public Managers, PUB 490 Senior Seminar in Public Administration, PUB 506 Administrative and Public Policy Analysis, PUB 592 Capstone: Integrative Seminar in Public Administration, PUB 504 Quantitative Methods in Public Administration, and CJA 566 Issues in Homeland Security and Terrorism.

At USC Price School of Public Policy: Instructor of Record, PPD 542 Program Evaluation (Summer, 2014; Online Course), PPD 557 Modeling and Operations Research (Spring 2014); Teaching Assistant, PPD 560 Methods for Policy Analysis (Spring 2011); PPD 557 Modeling and Operations Research (Fall 2009; Spring 2008); PPD 473 Public Policy and Planning Analysis (Fall 2007).

#### **INVITED LECTURES**

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Invited Guest Lecturer on Emissions Trading Policy for classes at USC: ENST 500 Introduction to

Environmental Studies, ENST 387x Economics for Natural Resources and the Environment, ENST 436 Environmental Politics, ENE 429 Air Pollution Control, ENE 502 Environmental and Regulatory Compliance, PPD 461 Sustainability Planning.

#### **AWARDS**

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CSUDH Research, Scholarship, Creative Activity Recognition, 2017.

USC Homeland Security Center (CREATE) Transition Project of the Year Award, 2015.

Honorable Mention, Charles M. Tiebout Prize in Regional Science, 2014.

USC Price School of Public Policy, Graduate Commencement Speaker, 2013.

USC Price School of Public Policy, Award for Outstanding Achievement, 2012; Award for Excellence in Scholarly Publication, 2012.

USC Graduate School Dissertation Completion Fellowship, 2012-13. Horowitz Foundation for Social Policy Grant, 2009. For Ph.D dissertation work.

Outstanding Student of the Year 2009, National Center for Metropolitan Transportation Research (METRANS), USC Price School of Public Policy.

USC Price School of Public Policy, Dean's Certificate of Merit, (GPA 3.98), 2008.

London School of Economics Student Union, Honorary Life Member, 2006.

#### **SERVICE AND PROFESSIONAL MEMBERSHIPS**

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Editorial Advisory Board member, *Transportation Research Part E: Logistics and Transportation Review*, 2014-. Reviewer for: *Modern Economy*, 2023; *Informational Polity*, 2019; *MethodsX*, 2019; *Nations and Nationalism*, 2019; *International Journal of Disaster Relief and Recovery*, 2018; METRANS Transportation Center grant proposal and deliverable evaluation, 2018-2019; *Water*, 2017; *The Lancet*, 2017; *Transportation*, 2017; *Risk Analysis Journal*, 2012-2013; *Transportation Research Part E: Logistics and Transportation Review*, 2013- (Certificate of Excellence in Reviewing); *Research in Transportation Business & Management*, 2013. Member of *Western Regional Science Association*, *Association for Public Policy Analysis and Management*, *Western Economics Association*.