

David R. Heres Del Valle

División de Economía, Centro de Investigación y Docencia Económicas (CIDE), México
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FACULTY APPOINTMENT

- Associate Professor, División de Economía, Centro de Investigación y Docencia Económicas (CIDE), México. (November 2018 - present)
- Assistant Professor, División de Economía, Centro de Investigación y Docencia Económicas (CIDE), México. (August 2012 - November 2018)

OTHER APPOINTMENTS

- Fulbright Mexican Chair Studies Scholar, Sol Price School of Public Policy, University of Southern California (January – May 2019)
- Faculty Associate, Cornell University Think-tank for Resources, Energy, and the Environment: Science and Policy-related Economic Analysis and Research (TREESPEAR). (July 2017 to present)

EDUCATION

- Ph.D. in Agricultural and Resource Economics, University of California at Davis, 2009.
- B.A. *Summa Cum Laude* in Economics, Universidad Nacional Autónoma de México (UNAM), México, 2004

RESEARCH INTERESTS

- Environmental Economics
- Natural Resource Economics
- Transportation Economics
- Behavioral and Experimental Economics

PUBLICATIONS

- Chakraborti, L., Heres, D. and Hernández-Cortés, D. (2019). “Are Land Values Related to Ambient Air Pollution Levels? Hedonic Evidence from Mexico City”, *Environment and Development Economics*. DOI: 10.1017/S1355770X18000542
- Heres, D. and Niemeier, D. (2017). “The Past and Future of Research on the Link Between Compact Development and Driving: Comment on ‘Does Compact Development Make People Drive Less?’”, *Journal of the American Planning Association*. DOI: 10.1080/01944363.2017.1279949
- Heres, D., Kallbekken, S. and Galarraga, I. (2017). “The Role of Budgetary Information in the Preference for Externality-Correcting Subsidies over Taxes: A Lab Experiment on Public Support”, *Environmental and Resource Economics* 66(1): 1-15. DOI:10.1007/s10640-015-9929-6.
- Ventosa-Santaulària, D., Heres, D. and Martínez- Hernández, C. (2014) “Long-memory and the sea level-temperature relationship: a fractional cointegration approach”, *PLOS ONE* DOI:10.1371/journal.pone.0113439.
- Heres, D., Jack, D. and Salon, D. (2014). “Do public transit investments promote urban economic development? Evidence from Bogota”, *Transportation* 41: 57-74.
- Heres, D., Ortiz, R.A. and Markandya, A. (2013). “Land use change within farms in Brazil: Implications for deforestation in private and public lands”, *International Forestry Review* 15(2): 169-181.
- Heres, D. and Lin, C.-Y.C. (2011). “California’s Energy-related Greenhouse Gas Emissions Reduction Policies” in *Handbook of Sustainable Energy* (Markandya, A. Galarraga, I., and Gonzalez-Eguino, M. eds), Edward Elgar, United Kingdom.
- Galarraga, I., Heres, D. and Gonzalez-Eguino, M. (2011). “Price premium for high-efficiency refrigerators and calculation of price-elasticities for close-substitutes: A methodology using hedonic pricing and demand systems” *Journal of Cleaner Production*, 19(17-18): 2075-2081.
- Abadie, L.M. and Heres, D. (2011). “Electricity prices and generation costs in European future markets with implications for Spain”, *Estudios de Economía Aplicada*, 29: 561-574.
- Heres Del Valle, D. and Niemeier, D. (2011). “CO2 Emissions: Are Land-Use Changes Enough for California to Reduce VMT? Specification of a two-part model with instrumental variables”, *Transportation Research Part B*, 45: 150-161.
- Niemeier, D., Gould, G., Karner, A., Hixson, M., Bachmann, B., Okma, C., Lang, Z. and Heres Del Valle, D. (2008). “Rethinking Downstream Regulation: California’s Opportunity to Engage Households in Reducing Greenhouse Gases”, *Energy Policy*, 36(9): 3436-3447 .
- Galindo, L., Heres, D. and Sanchez, L. (2006). “Tráfico Inducido en México: Contribuciones al debate e implicaciones de política pública”, *Estudios Demográficos y Urbanos*, 21(1): 123-157.

WORKING PAPERS

- Heres, D. and Lin Lawell, C.-Y.C. (2018). “Policy instrument choice when marginal damages are uncertain: Theory and evidence from a laboratory experiment”.
- Chakraborti, L., Heres, D. and Hernández-Cortés, D. (2016). “Are Land Values Related to Ambient Air Pollution Levels? Hedonic Evidence from Mexico City”, Centro de Investigación y Docencia Económicas, Documento de Trabajo No. 596
- Beaudoin, J., Chen, Y., Heres, D., Kheiravar, K.H., Lade, G.E., Yi, F., Zhang, W. and Lin Lawell, C-Y.C. (2018). Environmental policies in the transportation sector: Taxes, subsidies, mandates, restrictions, and investment. Working paper, Cornell University.
- Heres, D. (2015). “El cambio climático y la energía en América Latina”. Documentos de Proyectos No. 688.
- Various Authors. (2012). “National Low Carbon Fuel Standard: Technical Analysis Report” Institute of Transportation Studies, Research Report UCD-ITS-RR-12-11.

THESES SUPERVISED

- *Ph.D. in Public Policy, CIDE:*
 - Robert Le Brun (expected December 2019) “Hacia la gobernanza de los recursos naturales no renovables en México”.
- *M.A. in Economics, CIDE:*
 - Esther Guadalupe Santos Vazquez (June 2018) “Valoración del acceso a un sistema de Autobuses de Tránsito Rápido (BRT). Caso de la Ecovía en el Área Metropolitana de Monterrey”.
 - Rodrigo Escandón (June 2017) “Medición del efecto del uso comercial de las banquetas en los precios inmobiliarios de la Ciudad de México”.
 - Rafael Dávila Burgarín (June 2016) “Impacto de la densidad residencial y la diversidad de suelos en el consumo de gasolina. Caso: Zonas metropolitanas en crecimiento en México”.
 - Gustavo Salazar Monjarás (June 2014) “Impacto en el valor del suelo como consecuencia de la implementación de un Sistema de Tránsito Rápido (BRT): Evidencia para el caso del Metrobús de la Ciudad de México”.
- *B.A. in Economics, CIDE:*
 - Oscar Luis Nieto Michelis (August 2018) “Estimación de la curva de oferta de captura de carbono en bosques mexicanos”.
 - Alfredo Lefranc Flores (August 2018) “Transporte y percepciones de seguridad pública: Evidencia de la Ciudad de México”.

- Griselda Priscila (October 2017) “Determinantes socioeconómicos del cambio de uso de suelo rural en México”
- Rebeca Elizabeth Rodriguez Benavides (July 2016) “Causas de la deforestación en Areas Naturales Protegidas en México”.
- Danae Hernández Cortés (July 2015) “Efecto de la calidad del aire en el valor de los inmuebles: Evidencia para la Ciudad de México”.

PRESENTATIONS

- AERE Summer Conference (Incline Village, NV, USA, May 2019)
- CODS – Seminario Ciudades y comunidades sostenibles (Santiago, Chile, April 2019)
- XX BIOECON Conference (Cambridge, United Kingdom, September 2018)
- Tenth International Conference on Climate Change: Impacts and Responses (Berkeley, USA, April 2018)
- CEPAL Webinar on Climate Change and Energy in Latin America (Santiago, Chile, February 2017)
- Western Economic Association International Conference (Santiago, Chile, January 2017)
- AERE Summer Conference (Breckenridge, CO, USA, June 2016)
- XVII BIOECON Conference (Cambridge, United Kingdom, September 2015)
- LACEEP 10+ (Mexico City, Mexico, July 2015)
- Banco de México (Mexico City, Mexico, October 2013)
- Foro de Movilidad Urbana ITDP (Mexico City, Mexico, September 2013)
- Economic Science Association World Meeting (Zurich, Switzerland, July 2013)
- Behavior, Energy, and Climate Change Conference (Sacramento, CA, USA, November 2010)
- Economic Science Association World Meeting (Copenhagen, Denmark, July 2010)
- Kuhmo Nectar Conference on Transportation Economics (Valencia, Spain, July 2010)
- UPV-BC3 Joint Seminars in Environmental Economics (Bilbao, Spain, June 2010)
- 11th Occasional Workshop on Environmental and Resource Economics (Santa Barbara, CA, USA, October 2009)

- European Summer School in Environmental and Resource Economics (Venice, Italy, June 2009).
- Environmental Economics ARE Seminar (Davis, CA, USA, October 2005)

AWARDS AND FELLOWSHIPS

- Fulbright-García Robles Mexico Studies Chair Award (January-May 2019)
- Research grant *CONACYT-Proyectos de Desarrollo Científico para Atender Problemas Nacionales* (October 2014- November 2018)
- Distinction National System of Researchers (Level 1, January 2014-to date)
- *Henry A. Jastro and Peter J. Shields 2008-2009 Research Scholarship* (2008)
- *CONACYT/UCMEXUS Fellowship* recipient for doctoral studies (2004-2009)
- Honorable Mention in *2006 Tlacaélel Award* for best theses in Economics, Mexico City, (October 2006)

REFEREE SERVICE

- *Cities*
- *Climate Policy Review*
- *Desarrollo y Sociedad*
- *Economía Aplicada*
- *El Trimestre Económico*
- *Environmental and Resource Economics*
- *Fondo de Cultura Económica*
- *Latin American Economic Review*
- *Population and Environment*
- *Premio Banamex de Economía*
- *Premio en Economía Victor L. Urquidi*
- *Región y Sociedad*
- *Transportation Research Part A – Policy and Practice*

TEACHING EXPERIENCE

- Environmental Economics (M.A.), CIDE (Spring 2018, 2017, 2016, 2014 and 2013)
- Current Environmental Problems (M.A.), CIDE (Spring 2018, 2017, 2016 and 2015)
- Research Seminar (PhD), CIDE (Spring 2018, 2017, 2015; Autumn 2017, 2016)
- Research tutor UCLA visiting student (M.A.), CIDE (Summer 2017, 2015)
- Public Economics (B.A.), CIDE (Autumn 2016, Spring 2015)
- Microeconomics (B.A.), CIDE (Autumn 2016, 2014 and 2013, Spring 2015)
- Introductory Economics (PhD), CIDE (Autumn 2015 and 2014)
- Microeconomics (M.A. propaedeutic), CIDE (June 2018, 2017, 2015 and 2014)
- Public Economics (M.A.), CIDE (Autumn 2013)

- Thesis seminar (Undergraduate), CIDE (Spring 2013)
- Intermediate Microeconomics (teaching assistant), ARE, UC-Davis (Summer Session 2008)
- Linear Programming (teaching assistant), ARE, UC-Davis (Summer Session 2008)

PAST RESEARCH POSITIONS

- Postdoctoral Researcher, Institute of Transportation Studies (ITS), UC-Davis (April-July 2012)
- Postdoctoral Researcher, Basque Centre for Climate Change (BC3), Spain (March 2010 – Oct 2011)
- Research Assistant, Institute of Transportation Studies (ITS), UC-Davis (October 2004 – September 2009)
- Research Assistant, Fondazione Eni Enrico Mattei, Italy (May - September 2007)
- Research Assistant, National Institute of Ecology (INE), Mexico (January-July 2002)
- Research Assistant, UNAM (June-December 2002)

OTHER ACADEMIC TRAINING

- *CEE Systematic Review Methodology Course* (Pontificia Universidad Católica, Chile, April 2017)
- *Spatial Econometrics Summer Course* (Universidad de los Andes, Colombia, July 2016)
- *LACEEP VIII Environmental and Resource Economics Training Course – Valuation and Household Surveys* (CATIE, Costa Rica, July 2014)
- *European Summer School in Environmental and Resource Economics*, Venice (June 2009)
- *Visiting Graduate Student Workshop in Experimental Economics*, George Mason University, Virginia (July 2007)
- B.A. in Classical Guitar (2004), Escuela Superior de Música, INBA, México. GPA: 9.36 (out of 10)
- Exchange student at McGill University, Montreal, Canada, GPA: 3.74. (Fall 2002)

SKILLS

- Languages: English (fluent), Spanish (native speaker), French and Italian (beginner)
- Software: ArcGIS (basic), R (intermediate), Stata (advanced), Z-tree (advanced)