

Edgar Cruz

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EDUCATION

PhD in Economics <i>University of Barcelona</i>	Barcelona, Spain 2016
Master in Economics <i>University of Barcelona</i>	Barcelona, Spain 2008
Bachelor Degree in Economics <i>University of Guadalajara</i>	Guadalajara, Mexico 2005

RESEARCH INTEREST

Macroeconomics, Economic Growth and Development.

WORKING EXPERIENCE

University of Guanajuato <i>Associate Professor, Department of Economics and Finance</i>	2016 - Present
The World Bank <i>Short-term consultant</i>	2016
Central Bank of Mexico <i>Ph.D. Summer Intern</i>	2015
University of Barcelona <i>Graduate Teaching Assistant</i>	2015

RESEARCH

Publications in Journals

- Cruz, E., & Raurich, X. (2020). Leisure time and the sectoral composition of employment. Review of Economic Dynamics, 38, 198-219.
- Cruz, E. (2019). Kuznets meets Lucas: structural change and human capital. Oxford Economic Papers, 71(4), 848–873.
- Cruz, E. (2017). Structural change and non-constant biased technical change, The B.E. Journal of Macroeconomics, (Advances), 17(2), 20150046.

Work in progress

- "Population Aging and Structural Change" join with Xavier Raurich and Jaime Alonso.
- "The Rise of Services Sector: the Role of Increasing Demand for Personal Services" join with Xavier Raurich.
- "Remittances and Structural Change" join with Arianna Garofalo and Xavier Raurich.
- "Consumption and the Informal Employment." join with Arianna Garofalo.
- "Structural Change, the Construction Sector and Economic Growth " join with Cesar Blanco.
- "Financial Constraints, Structural Change and the Informal Sector" join with Cesar Blanco and Xavier Raurich.
- "Dropping Out and the Structural Transformations".

Other publication

Reports

- "Note on Employment in the EU" join with Marc Teignier-Baque. The World Bank (2016)

Book chapters (in Spanish)

- Cruz, E. & Zamilpa, J. (2020). Análisis de la ventaja comparativa revelada de la industria aeroespacial en México, 2004-2013. *Economía, Gestión y Organizaciones. Una visión multidisciplinaria*. México. Grañén-Porrúa.
- Cruz, E. & Zamilpa, J. (2020). Políticas públicas anticorrupción. In C. Gómez (Ed.) *Tendencias en Ciencias Económico Administrativas en México, Tomo III. Prospectiva de las políticas públicas 2018-2024* (pp 47-75). México. Secularte A.C.
- Cruz, E. & Zamilpa, J. (2019). El efecto del Programa Estancias Infantiles sobre la Asignación de Usos del Tiempo en México. In M. Gómez-Saldivar (Ed.) *Problemas del Desarrollo en México, tomo II* (pp 223-248). México. Grañén-Porrúa.
- Cruz, E. & Baez-Morales, A. (2017). Tendencias en la Desigualdad Salarial en Guanajuato. In C. Gómez (Ed.) *Tendencias en Ciencias Económico Administrativas en México* (pp 155-182). México. Secularte A.C.
- Baez-Morales & Cruz, E., A. (2017). Características de las microempresas en Guanajuato y su relación con la informalidad. In C. Gómez (Ed.) *Tendencias en Ciencias Económico Administrativas en México* (pp 155-182). México. Secularte A.C.

Chapter in text books (in Spanish)

- Cruz, E. & Malagón, A. (2021). Migración Interna y Crecimiento Económico en México (Forthcoming)
- Cruz, E. & García-Barragan, F. (2020). Macroeconomía dinámica aplicada: cambio estructural en México. In A. Mosiño (Ed.) *ABCD' ECONOMÍA*. México. Secularte A.C.
- García-Barragan, F., Cruz, E., & Quintero, C. (2018). Macroeconomía. In A. Mosiño (Ed.) *ABCD' ECONOMÍA* (pp 73-98). México. Secularte A.C.

Research Grants (Head Researcher)

- o A Demand-Side Explanation of Informality: Structural Change and the Informal Employment. (2021). Supported by University of Guanajuato (US\$ 5,000)
- o Structural Transformations: population aging and economic growth. (2020). Supported by Fun-

dación Carolina (€ 3,200)

- o Population aging. (2019). Supported by University of Guanajuato (US\$ 6,000)
- o Automation, Employment and the Informal Economy. (2018). Supported by University of Guanajuato (US\$ 6,000)

COMPUTER SKILLS

Advanced Programming: MATLAB, STATA, Dynare.
Intermediate Programming: R, Python, Maple.
Others: L^AT_EX, Office.

LANGUAGES

- o Spanish (Mothertongue)
- o English (Professional working proficiency)

Visiting Positions

- o Visiting Student, W. P. Carey School of Business. Arizona State University, US. (Fall 2015)

Conferences and Seminars

XXIX Coloquio Mexicano de Economía Matemática y Econometría, México (2019); International Conference on Energy, Finance and Macroeconomy (2017); XXVII Coloquio Mexicano de Economía Matemática y Econometría (2017); Central Bank of Mexico (2015); Spanish Economic Association (40th SAEe). Girona, Spain. (2015); Association of Southern European Economic Theorists. Granada, Spain. (2015) ; Workshop in Macroeconomics. Barcelona, Spain.(2010-2015); XV Coloquio Mexicano de Economía Matemática y Econometría, México (2005).

Honors and Awards

- o Member of the National Research System (SNI) Level 1, 2021-2023. The National Council for Science and Technology (CONACyT).
- o Perfil PRODEP 2018-2021. Ministry of Education, Mexico.
- o Scholarship for studies abroad 2014-2016. The National Council for Science and Technology (CONACyT).
- o Grant for Personal Researcher in Training (APIF-UB) 2010-2014. University of Barcelona.