

Isela-Elizabeth Téllez-León

EDUCATION

Post-Doctorate in three research programs: Systemic Risk and Resilience, Advanced Systems Analysis, and Evolution and Ecology

International Institute for Applied Systems Analysis (IIASA), Austria

Ph.D. in Economics

Instituto Politécnico Nacional, Mexico City

Specialisation in Macroeconomic Modelling, Econometric Methods and Economic Policy Analysis. Award of highest distinction

M.Sc. Economics

Centro de Investigación y Docencia Económicas, Mexico City

Specialisation in Macro-Financial Analysis. An award of distinction.

B.Sc. Economics

Universidad Autónoma Metropolitana – Azcapotzalco, Mexico City

Specialisation in Applied Economics and Quantitative Methods.

Graduated Magna Cum Laude

WORK EXPERIENCE

At present	Senior Economist, Center for Latin American Monetary Studies (CEMLA).
Jul 2020-Jun 2021	Guest Researcher at the International Institute for Applied Systems Analysis
Jul 2019-Jun 2020	Research Scholar at the International Institute for Applied Systems Analysis
Hilary 2018	Academic and Research Visitor at the University of Oxford
Jun 2017- Jun 2019	Postdoctoral Researcher at the International Institute for Applied Systems Analysis
Oct 2013-May 2017	Research Economist, Central Bank of Mexico, Directorate General for Economic Research
Jan 2010- Sep 2013	External Sector Deputy Director in the Finance Minister, Mexico

RESEARCH INTERESTS

Infrastructures and Financial Markets, Financial Stability, Financial Econometrics, Machine Learning, Applied Economics, Macroeconomic Modelling, Networks Dynamics, Monetary Policy, and Economic Policy Analysis.

SELECTED PUBLICATIONS

Téllez-León, I.E., Serafín Martínez, Luis Escobar & Ronald Hochreiter (2021). How are network centrality metrics related to interest rates in the Mexican secured and unsecured interbank markets? *Journal of Financial Stability*, 100893.

Chapter: *Global Perspectives for the Energy Transition of Mexico: Challenges of Governance and Sustainability*. ISBN 978-607-8485-46-8. Dec 2019.

Ibarra & Tellez-Leon (2019). Are all types of capital flows driven by the same factors? Evidence from Mexico. *Empirical Economics*, 1-42. <https://doi.org/10.1007/s00181-019-01624-5>

Pérez-Guzmán, K., Téllez-León, I. E., Kharrazi, A., Fath, B., & Venegas-Martínez, F. (2018). What makes Input-Output Tables of Trade of Raw Material Goods Peculiar Networks? The World and Mexican Cases. *Mexican Journal of Economics and Finance*, 13(4), 483-505.

SELECTED SPECIALISATION COURSES

“Behave Summer School on Agent-Based Modelling for Social Scientists”, it was organised by the ESLS Program in Economic Sociology and Labour Studies, the Behave Lab (University of Milan) and GECS - Research Group on Experimental and Computational Sociology. University of Brescia.

“Oxford Summer School in Economic Networks”, Mathematical Institute and the Institute of New Economic Thinking. University of Oxford.

“1st PIER Workshop on Quantitative Analysis Tools for Macroeconomic Policy”, University of Pennsylvania.

“Quantitative Models of Financial Crisis and Macroprudential Policy”, Central Bank of Mexico.

OTHER SELECTED RESEARCH ACTIVITIES

Member of the Mexican National System of Researchers (SNI), Level I.

Referee in the Latin American Journal of Central Banking (CEMLA).

Referee in the Empirical Economics (Journal of the Institute for Advanced Studies, Vienna).

Referee in the Mexican Journal of Economics and Finance (REMEF).

SELECTED CONFERENCES

Speaker in the Research Retreats and Research Seminars at the IIASA RISK Program, Machine Learning IIASA-CHS group, IIASA-OCDE group, the Central Bank of Mexico, the University of Vienna, the University Iberoamericana, the Economic Research and Teaching Center (CIDE), the IMEF Financial Research Congress, among other forums.

LANGUAGES

Spanish (native language), English (fluent) and German (Level A2).

COMPUTER SKILLS

Strong Knowledge of the E-views, Matlab, R, E&F, among others.

Strong Knowledge database management (BANXICO, INEGI, IMF, OECD, Bureau of the Census (BC), Bureau of Labor Statistics (BLS), Bureau of Economic Analysis (BEA), Federal Reserve Board (FRB), among others.