

EMPLOYMENT EXPERIENCE

- University of Essex. ISER. Understanding Society.** Colchester, U.K.
Senior Data Analyst and Training Officer 01.2023–Current
- Providing advice to data users and developing and delivering quantitative data analysis training.
- University of Essex. ISER. Understanding Society.** Colchester, U.K.
User Support and Metadata Officer 07.2022–12.2022
- Providing user support for Understanding Society through supporting the user documentation and contributing to the activities of the User Support team.
- Tax Administration Service. Hydrocarbon Unit.** Mexico City, Mexico
Administrator of Fiscal Planning and Programming of Hydrocarbons 04.2015–10.2017
- Identifying aggressive tax planning and base erosion and profit shifting (BEPS) schemes in the hydrocarbons sector.
- Tax Administration Service. Federal Tax Auditing Unit.** Mexico City, Mexico
Administrator of Federal Fiscal Planning and Programming 03.2009–03.2015
- Developing economic assessment of audits programs and coordination of strategic planning and research of annual collection targets.
- Ministry of Communications and Transportation. Transportation Unit.** Mexico City, Mexico
Director of the Metropolitan Centre for Transportation 08.2008–02.2009
- Granting permits for the provision of public service for federal transportation, tourism and cargo.
- Tax Administration Service. Risk Planning Unit.** Mexico City, Mexico
Risk Management Head of Department 12.2007–07.2008
- Developing tax assessment models to profile high-risk taxpayers.
- Tax Administration Service. Federal Tax Auditing Unit.** Mexico City, Mexico
Data Validation Head of Department 10.2005–11.2007
- Tax returns risk analysis and developing economic-econometric studies.

EDUCATION

- University of York** York, U.K.
Ph.D. Candidate in Economics. 2018–Current
- Centro de Investigación y Docencia Económicas, CIDE** Mexico City, Mexico
M.S. in Economics 2002–2004
- Universidad Autónoma de Nuevo León (UANL)** Monterrey, N.L. Mexico
B.S. in Economics 1998–2002

WORKING PAPERS

- [1] “Bandwagon, snob or congestion effects and sellers competition in Two-Sided Markets”.
- [2] “How do platforms appeal to agents?”.
- [3] “Two-sided markets under quality uncertainty and switching costs”.

TEACHING

- **Teaching Scholar** at University of York 2018–2019
Probability I and Microeconomics I
- **Lecturer in Economics.** Universidad del Norte. Monterrey, N.L., Mexico 05.2005–08.2005
Economics

SKILLS

- **Software:** Stata, SPSS, Microsoft Office
- **Problem-solving:** research, collaboration, patience
- **Interpersonal:** communication, empathy, leadership

LANGUAGES

- **Spanish:** Native
- **English:** Fluent

CONFERENCES / SEMINARS

- XXXVI Jornadas de Economía Industrial, JEI 2022 Gran Canaria, Spain. September 2022
- Network of Industrial Economist Symposium Loughborough University, UK. July 2022
- 4th ITD Global Conference on Tax and Inequality New Delhi, India. December 2011
- 7th Meeting of the Aggressive Tax Planning (ATP) Steering Group, OECD Paris, France. October 2010
- 22nd Meeting of WP. 9 on Consumption Taxes, OECD Paris, France. November 2009
- IRS Research Conference Washington, D.C. June 2008

SCHOLARSHIPS

- Royal Economic Society (RES) Academic Support Fund 2021–2022
- Ellis Hunter Teaching Scholarship. University of York 2018–2019
- Postgraduate Studies Program - CONACYT/SENER 2018–2021
- Postgraduate Studies Program - CONACYT 2002–2004

TRAINING COURSES

- Advanced Microeconometrics for Policy Evaluation. NARTI May. 2022
- Introduction to Understanding Society using Stata. Understanding Society, ISER, University of Essex May. 2022
- International Financial Reporting Standards (IFRS) for the Hydrocarbon Sector. Deloitte 2015
- Balanced Scorecard Mastercourse. INAP 2012
- Risk Taxpayers Models. Fair Isaac Corporation 2006