Mail: papadakismichelle@gmail.com Personal number: 5559643499
LinkedIn: https://www.linkedin.com/in/michelle-papadakis/ ; GitHub repository: https://github.com/MichellePapadakis

Michelle Papadakis Barradas

Academic Trajectory

London School of Economics and Political Science (LSE)
September 2023 - December 2024

MSc Applied Social Data Science.
Graduated with First Class Honors (Distinction).
Completed a thesis project on gender and care work, utilizing machine learning and NLP techniques to analyze unpaid labor and examine the cultural, emotional, and health-related dimensions influencing care work.

University of Oxford
July 2024

Oxford Machine Learning Summer School.
Reviewed large-scale natural language processing models.

National Autonomous University of Mexico (UNAM)
August 2014 – July 2019

Bachelor's degree in economics.
Graduated with First Class Honors.
Developed a thesis on educational mobility and skin color. Participated in an exchange program at the University of Warsaw in 2018.

Professional Trajectory

Mexican Institute of Social Security
March 2025 – Present
Head of Division

- Manage the regulatory framework, oversight, and strategic operations of the Welfare Pension Fund, ensuring compliance with legislation and institutional objectives.
- Coordinate the end-to-end process of payments, including calculation, validation, disbursement, and reimbursement of transferred resources.
- Design and deploy data-driven digital tools and automated systems to enhance operational efficiency, transparency, and traceability of financial transactions.
- Leverage advanced data analysis to identify process improvements, mitigate risks, and support evidence-based decision-making.
- Lead the development and implementation of digital tools and systems to improve operational efficiency, transparency, and data traceability.
- Provide technical training and strategic guidance to operational teams across regional and central offices, ensuring proper application of fund policies.
- Provided the information to support actuarial valuations and audit processes of the Fund.

----- masters break-----

Mexican Ministry of Finance and Public Credit
October 2019 - September 2023
Deputy Director

- Co-designed, implemented and lead the "Women in Digital Transformation" training program, a nationwide initiative empowering women by equipping them with critical digital skills and business literacy to enhance their economic opportunities and labour participation in the digital economy.
- Served as gender expert from the Ministry of Finance for the development of the Gender Equality chapter within the Sustainable Taxonomy Framework. Played a key role in aligning its methodology and recommendations with international best practices.
- Provided technical and analytical support for technical assistance initiatives between the Ministry of Finance and international organizations, such as the World Bank, resulting in the successful placement of a gender and productivity Performance-Based Loan.
- Prepared key materials for senior officials in the National Productivity Committee, to strengthen project outcomes for the Gender Agenda Subcommittee.
- Conducted comprehensive data analysis and research on international policies targeting vulnerable groups, leveraging major surveys from Mexico and standardized data from international organizations.

National Autonomous University of Mexico (UNAM).
August 2019 - January 2020
Teaching Assistant.

Taught practical exercises for the International Economics course, graded exams, and reviewed homework.

Centro de Estudios Espinosa Yglesias (CEEY).
March 2019 - August 2019

Research Intern.

Developed the research project titled "The Educational Dimension of Social Mobility and Skin Color: A Regional Analysis for Mexico" using the EMOVI 2017 survey and presented the project's progress at the summer school..

Institute of Economic Research. (UNAM-IIEc).   February 2019 - October 2019

Research Assistant.

Provided technical assistance with the statistical processing of national and international databases to contribute to the development of the book "Nuevo ciclo industrial, núcleo dinámico y vías de desarrollo en el mundo actual".

Professional Presentations (most recent)

University of Cambridge.   May 2024

Symposium of Technology and innovation for development in Mexico. I*nvited by the UK Mexican Society.*

National Autonomous University of México.   March 2022

Colloquium "Transforming the Economy: Dialoguing with Women Economists". *Invited by the Transitory Constituent Commission for Gender Equality.*

General Directorate of Vocational Training Centers.   March 2022

1st. Business Forum "Innovating Alliances with the Productive Sector. *Invited by the Industrial Job Training Center of Mexico.*

Awards, memberships and affiliations

Chevening Scholar
Awarded by the UK Government for outstanding leadership potential and academic excellence, enabling postgraduate studies at the London School of Economics. Selected as part of the top 2% of applicants worldwide for the 2024 cohort.

UN Women UK Delegate to the United Nations Commission on the Status of Women
Collaborated in cross-cultural panels to promote women's rights, contribute to inclusive policy development, and engage in awareness campaigns to combat gender-based violence. Focused on advancing recognition of women's labor.

Women In Data member.
Member since 2020 and participate in the annual women in data meeting of 2024

Technical Skills

Languages
- Spanish: native
- English (C1). TOEFL iBT 110
- Portuguese: beginner.

Programming languages
- Main: RStudio, including *RSQLite*. Others: Python, LaTeX.

Tools:
- Visual Studio Code; Microsoft suite; GitHub

Version Control Systems
- Git