Ahmed Amine Jawhari

Department of Economics | The University of New Mexico (UNM) |

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EDUCATION

PhD Candidate in Economics Albuquerque, NM, USA
Economics Department - The University of New Mexico *2022 - Expected 2027*

Master's Degree in Economics (4.16 GPA) Albuquerque, NM, USA
Economics Department - The University of New Mexico *May 2024*

Bachelor's Degree in Applied Economics Rabat, Morocco
Faculty Of Governance, Social and Economic Sciences(FGSES), UM6P University *2019-2022*

Baccalaureate in "Mathematical Science" Morocco
2017-2019

EXPERIENCE

Research Assistant (RA) June 2024 – Present
Economics Department *The University of New Mexico*

- **Wildfire Smoke & Risk Mitigation:** Investigating wildfire smoke exposure as a financing mechanism for wildfire risk mitigation in the Western US using contingent valuation methods.
- **Community Health Workers & Health Expenditures:** Evaluating the cost-effectiveness of Community Health Worker (CHW) interventions in reducing health expenditures at UNM Hospital.

Teaching Assistant (TA) August 2022 – May 2024
Economics Department *The University of New Mexico*

- Led discussion sections, held office hours, and graded assignments for **100+ students per semester**.
- Developed instructional materials for Intermediate Microeconomics (**Econ 300**).
- Courses assisted: Introductory & Intermediate Macroeconomics (**Econ 2110, 303**), Intermediate & Advanced Microeconomics (**Econ 300, 513**), Statistics & Econometrics (**Econ 309**), and Personal Finance (**Econ 330**).

GRANTS & AWARDS

New Mexico Research Grant (NMRG) UNM - GPSA
Conduct a Contingent Valuation Survey for New Mexico ($3,000) *October 2024*

Summer Fellowships Economics Department - UNM
*Served to Advance my Research Requirement Paper ($3,000 *2)* *April 2024; 2025*

Honoree of Phi Kappa Phi UNM Chapter
Honor Society *Initiated on January 2024*

CONFERENCE PRESENTATIONS

Association of Environmental and Resource Economists (AERE) Accepted for May 2025
Investigating Willingness-to-Pay for Mitigating Wildfire Smoke Exposure *Summer Conference, NM*

The 16th Himalayan Policy Research Conference (HPRC) December 2021
The Effects of Air Pollution on School Absenteeism *Remote Conference, USA*

RESEARCH INTERESTS

Fields: Environmental and Resources Economics, Public Economics, Econometrics and Behavioral Economics.
Examples of research interests:

- **Causal inference** in policy evaluation, leveraging quasi-experimental methods.
- **Non-market valuation** of environmental changes.

- The role of **human capital** (education and skills) in economic growth and labor market outcomes.

Technical Skills

Languages: English (Advanced), French (Advanced), Arabic (Advanced).
Softwares: Stata, ArcGIS, Python, R-Studio, Microsoft Office, Python, HEC-HMS.
Solid base in Mathematics: Baccalauréat diploma-equivalent to high school- specialized in Mathematical Science.
Geographic Information Systems (GIS)
Survey Design
Webscraping for Data

Soft Skills

Analytical & Problem-Solving
Adaptability & Strategic Thinking
Effective Communication: Public Speaking
Time & Project Management

Extracurricular Activities

Economics Graduate Students Organization | *Treasurer*   2024 – Present
- Managing fundraising activities to support student-led initiatives and events.

Rotaract Club | *Member*   2019 – 2020
- Brainstormed and planned charity fundraising events to support community initiatives.

Enactus UM6P Club | *Project and team leader*   2019 – 2020
- Led the development of "Throw It," an eco-friendly product that uses behavioral nudging to promote responsible waste disposal among children.

Relevant Coursework

Quantitative & Data Science Courses |
- Econometrics I & II - Advanced econometric techniques for empirical research.
- GIS for Graduate Students - Spatial analysis and geographic modeling.
- Algorithms, Database and coding.
- Mathematics (Algebra) and Operations Research.
- Data Sciences (Data mining, Machine learning, Big Data).

Field-Specific Applied Economics Courses |
- Natural Resource, Environmental, and Ecological Modeling - Discrete and continuous dynamic optimization.
- Water Resources II: Models - Used HEC-HMS to simulate precipitation-runoff processes and integrated results into economic models for optimal water management.
- Topics in Health Economics - Analysis of healthcare systems and policy interventions.
- Industrial Organization - Market structure, competition, and regulatory economics.

Teaching |
- Graduate Teaching I - Pedagogical training.

Certifications

Main Campus Researchers   January 2025
Citi Program   *UNM Main Campus*

Social and Behavioral Research Investigators   January 2025
Citi Program   *UNM Health Sciences Center*