

Álvaro Fernández Junquera

Barcelona Supercomputing Center | fdezjunquera@gmail.com | [Website](#)

ABOUT ME

Postdoctoral researcher on applied economics, labour market policies, and industrial policies. Specialized in public policy evaluation with strong econometric skills.

EXPERIENCE

Postdoctoral researcher <i>Barcelona Supercomputing Center</i> <ul style="list-style-type: none">Research on the application of machine learning models to public policy	Nov. 2024 – Present <i>Barcelona, Spain</i>
Substitute professor <i>University of Barcelona</i> <ul style="list-style-type: none">Teaching section of Econometrics and Statistics	Dec. 2024 – Sep. 2025 <i>Barcelona, Spain</i>
Predoctoral researcher <i>Autonomous University of Barcelona</i> <ul style="list-style-type: none">Research and teaching position funded by the Ministry of Universities of SpainResearch stays at the University of Munich and the University of Buenos Aires	Oct. 2020 – Oct. 2024 <i>Barcelona, Spain</i>
Graduate research assistant <i>University of Granada</i> <ul style="list-style-type: none">Collaboration in research tasks of experimental economics projects	Feb. 2020 – Jun. 2020 <i>Granada, Spain</i>
Trainer of local civil servants <i>Guaman Poma de Ayala Center</i> <ul style="list-style-type: none">Training of civil servants on political, legal and public management fundamentals	Jul. 2019 – Aug. 2019 <i>Cusco, Peru</i>

EDUCATION

University of Padova <i>PhD in Economics</i> <ul style="list-style-type: none">Research field: labour economics, public policy evaluationInternational cotutelle agreement with the Autonomous University of BarcelonaDoctoral thesis: ‘Active labour market policies: effects and predictions for policy design’	Padova, Italy <i>Oct. 2024</i>
University of Granada <i>Master in Economics, 8.11/10</i> <ul style="list-style-type: none">Specialized in econometrics and macroeconomics, 2 courses with distinctionMaster’s thesis about the effectiveness of fiscal stimuli on employment	Granada, Spain <i>Oct. 2019 – Sept. 2020</i>
University of Granada <i>Bachelor in Political Science, 9.39/10</i> <ul style="list-style-type: none">Specialized in public policies and political theory, 26 courses with distinctionBachelor’s thesis on liberal egalitarian political theories	Granada, Spain <i>Sep. 2015 – Jun. 2019</i>
Pompeu Fabra University <i>Bachelor in Political Science, exchange student</i>	Barcelona, Spain <i>Sep. 2017 – Jun. 2018</i>

PUBLICATIONS

- Junquera, Á. F. and Kern, C. (2025).** From rules to forests: rule-based versus statistical models for jobseeker profiling. *Journal for Labor Market Research*, 59 (1), 1-27. [[Link](#)]
- Godino, A. and Junquera, Á. F. (2025).** Outsourcing and time-related dimensions of job quality: Evidence from the facility management business. In F. P. García-Márquez (Ed.), *Outsourcing: Cases and Studies in Using Operations Research and Management Science Methods*. Springer. [[Link](#)]
- Junquera, Á. F. (2024).** Las políticas activas de empleo en el marco de las políticas de empleo. *Anuario IET de Trabajo y Relaciones Laborales*, 10, e124-e124. [[Link](#)]
- Junquera, Á. F. (2024).** El diseño de los subsidios al empleo del Servei Públic d'Ocupació de Catalunya (2016-2018). In S. Pérez de Guzmán and M. Iglesias (Coords.), *Precariedades laborales y desigualdades de género en Iberoamérica*. Dykinson. [[Link](#)]
- Junquera, Á. F. (2024).** Efectos de la asistencia en la búsqueda de empleo: una revisión sistemática para España. *Gestión y Análisis de Políticas Públicas*, 35, 7-25. Instituto Nacional de Administración Pública. [[Link](#)]

WORKING PAPERS

- Junquera, Á. F. (2025).** Which companies use employment subsidies for young workers? [[Link](#)]
- Junquera, Á. F. (2024).** More money, more effect? Employment effects of job search programs in Veneto. [[Link](#)]

GRANTS AND AWARDS

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| Research grant <i>Fundación Banco Sabadell</i> | Jun. 2023 - Jun. 2024 |
| FPU complementary grant for mobility <i>Ministry of Universities of Spain</i> | Sep. 2022 - Nov. 2022 |
| Beca Luis Toharia <i>Asociación Española de Economía del Trabajo</i> | Jun. 2022 |
| Erasmus+ Internships <i>Autonomous University of Barcelona</i> | Jun. 2022 – Jul. 2022 |
| Research initiation grant <i>University of Granada</i> | Apr. 2021 – Feb. 2022 |
| FPU grant <i>Ministry of Universities of Spain</i> | Nov. 2020 – Nov. 2024 |
| <ul style="list-style-type: none">Funding for the whole predoctoral period, ranked 15 out of 226 candidates | |
| AUIP grant for Iberoamerican Universities <i>AUIP</i> | Nov. 2021 |
| <ul style="list-style-type: none">Funding for a research stay in the Department of Economics of the University of Buenos Aires | |
| Extraordinary end-of-degree award in the 2015-2019 promotion of Political Science <i>UGR</i> | Feb. 2020 |
| Award for excellence in university academic performance <i>UGR-Caja Rural</i> | Feb. 2020 |
| <ul style="list-style-type: none">Branch of Business and Legal Sciences | |
| CICODE grant for international volunteering <i>CICODE (UGR)</i> | May 2019 |
| Collaboration grant for research initiation <i>Ministry of Education, Spain</i> | Nov. 2018 – Jun. 2019 |
| Best academic records in the 2015/2016 & 2016/2017 academic years <i>UGR</i> | Feb. 2017 & Feb. 2018 |

CONFERENCES AND WORKSHOPS

- (2025) IV Workshop on International Trends in Economic Research (WINTER):** Oral communication.
- (2024) XXIX Conference of the Italian Association of Labour Economics:** Oral communication.
- (2024) XVI Labour Economics Meeting (AEET):** Oral communication.
- (2024) I Workshop on Comparative Social and Public Policy:** Oral communication.
- (2023) II Conference of R and XIII Workshop for R Users:** Oral communication.
- (2023) V Annual Conference of Experimental Sociology:** Oral communication.
- (2022) XV Labour Economics Meeting (AEET):** Oral communication.
- (2022) XIV Spanish Congress of Sociology:** Oral communication.
- (2021) II Workshop ‘Experimentation: Society and Politics’:** Oral communication.
- (2021) XV European Sociological Association Conference:** Oral communication.

RESEARCH PROJECTS

- 2025-**: SHAPE - Strategies for Human capital Advancement and Productive Employment (PI: Caterina Calsamiglia, BSC).
- 2023-2024**: Good practices to tackle young unemployment: An analysis of the European experience (PI: Óscar Molina, UAB).
- 2021-2022**: PerfilaSP - Analysis of sociological and psychological variables as predictors of employability for the profiling of the Public Employment Service of Catalonia (PI: Óscar Molina, UAB). [Policy report]
- 2021-2022**: 'Fiscal stimuli effectiveness: key sectors of the Spanish economy in terms of employment from a social accounting matrix' (PI: Henry Aray, UGR).
- 2021**: Design, implementation, and impact evaluation of the Reempresa-SOC program (PI: Joan Miquel Verd, UAB). [Policy report]

TEACHING

- 2024/2025**: Lecturer of *Statistical Techniques for Social Research* (6 ECTS). Bachelor in Political Science (UB). 60 hours of instruction.
- 2024/2025, 2025/2026**: Lecturer of *Comparative Employment Policies in the European Union* (6 ECTS). Master's Degree in Social Policy, Employment and Welfare (UAB). 4 hours of instruction.
- 2023/2024, 2024/2025**: Workshop Lecturer of *Qualitative Evaluation Techniques* (4 ECTS). Specialization Diploma in Evaluation of labour market policies (UB). 2.5 hours of instruction.
- 2023/2024**: Teaching Assistant of *Multivariable Data Analysis* (6 ECTS). Bachelor's in Sociology, year 3 (UAB). 12 hours of instruction.
- 2022/2023**: Teaching Assistant of *Data Analysis* (6 ECTS). Bachelor's in Criminology, year 2 (UAB). Taught using R. 20.5 hours of instruction.
- 2021/2022**: Teaching Assistant of *Data Analysis* (6 ECTS). Bachelor's in Criminology, year 2 (UAB). Taught using R. 22 hours of instruction.
- 2020/2021**: Teaching Assistant of *Data Analysis* (6 ECTS). Bachelor's in Criminology, year 2 (UAB). Taught using R. 14 hours of instruction.

OTHER EDUCATION

- 2020-2024**: Program of higher education teaching (FDES), UAB (87 hours).
- 2023**: Machine learning for social sciences, RECSM-UPF (12 hours).
- 2021**: Attention to university students with specific educational needs, accessibility of teaching-learning material and universal design for learning, UAB (12 hours).
- 2021**: Strategies for the management and dynamization of the classroom, UAB (8 hours).
- 2021**: Competence assessment strategies in hybrid learning environments, UAB (6 hours).
- 2021**: Experiments in the study of public opinion, RECSM-UPF (12 hours).

OTHER SKILLS

- Languages**: English (C1), German (B1), Spanish (native).
- Scientific software**: R (proficient), Python (intermediate), STATA, SPSS. ATLAS.ti, QualCoder.
- Publishing software**: LaTeX, Markdown, Quarto.

REFERENCES

- Enrico Rettore**: Full Professor of Econometrics at the University of Padova.
- Henry Aray**: Associate Professor of Economics at the University of Granada.
- Christoph Kern**: Junior Professor of Social Data Science and Statistical Learning at the LMU - University of Munich.