

# Álvaro Fernández Junquera

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

## ABOUT ME

---

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

## EXPERIENCE

---

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

## EDUCATION

---

<b>University of Padova</b> <i>PhD in Economics</i> <ul style="list-style-type: none"><li>Research field: labour economics, public policy evaluation</li><li>International cotutelle agreement with the Autonomous University of Barcelona</li><li>Doctoral thesis: ‘Active labour market policies: effects and predictions for policy design’</li></ul>	Padova, Italy <i>Oct. 2024</i>
<b>University of Granada</b> <i>Master in Economics, 8.11/10</i> <ul style="list-style-type: none"><li>Specialized in econometrics and macroeconomics, 2 courses with distinction</li><li>Master’s thesis about the effectiveness of fiscal stimuli on employment</li></ul>	Granada, Spain <i>Oct. 2019 – Sept. 2020</i>
<b>University of Granada</b> <i>Bachelor in Political Science, 9.39/10</i> <ul style="list-style-type: none"><li>Specialized in public policies and political theory, 26 courses with distinction</li><li>Bachelor’s thesis on liberal egalitarian political theories</li></ul>	Granada, Spain <i>Sep. 2015 – Jun. 2019</i>
<b>Pompeu Fabra University</b> <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 services of different intensity. [[Link](#)]

## GRANTS AND AWARDS

---

- |  |                       |
|--|-----------------------|
| <b>Research grant</b>   <i>Fundación Banco Sabadell</i>  | Jun. 2023 - Jun. 2024 |
| <b>FPU complementary grant for mobility</b>   <i>Ministry of Universities of Spain</i>   | Sep. 2022 - Nov. 2022 |
| <b>Beca Luis Toharia</b>   <i>Asociación Española de Economía del Trabajo</i>  | Jun. 2022             |
| <b>Erasmus+ Internships</b>   <i>Autonomous University of Barcelona</i>  | Jun. 2022 – Jul. 2022 |
| <b>Research initiation grant</b>   <i>University of Granada</i>  | Apr. 2021 – Feb. 2022 |
| <b>FPU grant</b>   <i>Ministry of Universities of Spain</i>  | Nov. 2020 – Nov. 2024 |
| <ul style="list-style-type: none"><li>Funding for the whole predoctoral period, ranked 15 out of 226 candidates</li></ul>                    |                       |
| <b>AUIP grant for Iberoamerican Universities</b>   <i>AUIP</i>   | Nov. 2021             |
| <ul style="list-style-type: none"><li>Funding for a research stay in the Department of Economics of the University of Buenos Aires</li></ul> |                       |
| <b>Extraordinary end-of-degree award in the 2015-2019 promotion of Political Science</b>   <i>UGR</i>  | Feb. 2020             |
| <b>Award for excellence in university academic performance</b>   <i>UGR-Caja Rural</i>   | Feb. 2020             |
| <ul style="list-style-type: none"><li>Branch of Business and Legal Sciences</li></ul>  |                       |
| <b>CICODE grant for international volunteering</b>   <i>CICODE (UGR)</i>   | May 2019              |
| <b>Collaboration grant for research initiation</b>   <i>Ministry of Education, Spain</i>   | Nov. 2018 – Jun. 2019 |
| <b>Best academic records in the 2015/2016 &amp; 2016/2017 academic years</b>   <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**: PerfilSP - 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 and 2 hours of instruction.
- 2023/2024, 2024/2025**: Workshop Lecturer of *Qualitative Evaluation Techniques* (4 ECTS). Specialization Diploma in Evaluation of labour market policies (UB). 3 hours of instruction.
- 2024/2025**: Workshop Lecturer of *Monitoring and indicators* (4 ECTS). Specialization Diploma in Evaluation of labour market policies (UB). 3 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**: 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.