

# DAVIDE ALONZO

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## EDUCATION

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<b>Vancouver School of Economics, University of British Columbia</b> Ph.D. Economics	<i>2015 - 2021 (expected)</i> GPA: 92.7/100
<b>LUISS University</b> M.A. Economics and Finance	<i>2012 - 2014</i> 110/110 cum Laude
<b>QTEM degree</b> Université Libre de Bruxelles and Université de Lausanne	<i>2013 - 2014</i>
<b>LUISS University</b> B.A. Economics and Management Erasmus exchange semester: Tilburg University	<i>2009 - 2012</i> 110/110 cum Laude

## REFERENCES

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**Giovanni Gallipoli** (Supervisor)  
Professor  
Vancouver School of Economics  
(+1) 604 822 4724  
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**Henry Siu**  
Professor  
Vancouver School of Economics  
(+1) 604 822 2919  
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**Michal Szkup**  
Assistant Professor  
Vancouver School of Economics  
(+1) 604 822 5146  
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## RESEARCH FIELDS

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**Primary:** Macroeconomics, Labor Economics, Family Economics  
**Secondary:** Computational Economics

## RESEARCH

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- **Marrying your job: matching and mobility with geographic heterogeneity** [JMP]

Does geographic heterogeneity in occupational returns affect the patterns of family formation and dissolution? And do marriage choices matter for the geographic distribution of workers? This paper examines the effects of geographic heterogeneity in occupational returns on marriage and divorce, and the impact of family formation on the geographic allocation of labor. We document that geographically mismatched workers – those living in a location that pays relatively lower wages in their occupation – are less likely to marry and more likely to divorce. Moreover, conditional on marrying, mismatched workers are more likely to be married to similarly mismatched partners. To account for these observations, we develop an equilibrium model of migration and family formation, and we estimate it using microdata for the US. Through counterfactual experiments, we assess

both individual and aggregate implications of joint marriage and location choices. We find that, while at the individual level entering a marriage reduces wage growth, in aggregate the presence of marriage markets and the endogeneity of marriage market conditions enhance productivity by attracting workers to high return locations.

Presentations: UBC, SFU, HCEO SSSI, UMN

- **The Idiosyncratic Value of Jobs and the Structure of Labor Market Surplus**

*with Giovanni Gallipoli*

We characterize the distribution of occupation-specific worker surplus for different demographic groups in the US labor market. We combine information about earnings and the distribution of workers across jobs to separately identify systematic pecuniary and non-pecuniary components of worker surplus. We then use variation in estimated worker-job match values to (i) recover labor factor productivity across occupation and demographic groups, and (ii) estimate substitution intensity between heterogeneous job inputs. Through counterfactual exercises, we quantify the extent to which technological progress, as opposed to shifts in the heterogeneous valuations of identical jobs, account for structural transformation in the labor market.

## RESEARCH IN PROGRESS

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**A Healthy Marriage: the Nutritional Consequences of Marital Status** *with Giovanni Gallipoli*

**Learning About Pandemics: the Informational Content of Testing** *with Chenyu Hou*

## OTHER RESEARCH EXPERIENCE

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- RA for Prof. Giovanni Gallipoli, UBC, May 2016 - April 2017; Jan 2019 - Aug 2020.
- RA for Prof. Michal Szkup, UBC, 2017 - 2018.

## TEACHING EXPERIENCE

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### Teaching Assistant

- ECON 456 - International Macroeconomics and Finance (Undergraduate), UBC, 2020.
- ECON 302 - Intermediate Macroeconomic Analysis I (Undergraduate), UBC, 2018, 2019.
- ECON 594 - Applied Economics (Master), UBC, 2019.
- ECON 603 - Macroeconomics II (Ph.D.), UBC, 2017, 2018, 2019.
- ECON 602 - Macroeconomics I (Ph.D.), UBC, 2016, 2017, 2018.
- Advanced Macroeconomics (Master), Luiss Guido Carli, 2015.

### Others

- Guest Lecturer for ECON 516 - Topics in Macroeconomics (Ph.D.), Fortran and High Performance Computing, UBC, 2017, 2018, 2019, 2020.

## AWARDS, FELLOWSHIPS AND RESEARCH GRANTS

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- President's Academic Excellence Initiative PhD Award, UBC, 2020.
- CIDE Small Grants in Innovative Data, UBC, 2019.
- Best 2nd Year Research Paper Prize, UBC, 2017.

- David Dodge Graduate Scholarship in Economics, UBC, 2017.
- John Helliwell Prize in Macroeconomics (top performance in first year Ph.D.), UBC, 2016.
- Four Year Doctoral Fellowship, UBC, 2015 - 2019.
- International Tuition Award, UBC, 2015 - 2017.

## WORK EXPERIENCE

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- Analyst, Data Management, Generali Investments Europe S.p.a., Rome, 2014 - 2015.
- Intern, Studio Sirocchi & Associati, Rome, 2012.

## MISCELLANEOUS

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<b>Additional Education</b>	WestGrid Research Computing Summer School, 2017; Summer School on Socioeconomic Inequality (SSSI), Bergen, 2019.
<b>Computer Skills</b>	STATA, Matlab, Fortran, OpenMP, MPI, Julia, Python, R, L <sup>A</sup> T <sub>E</sub> X, Office, Windows, Linux.
<b>Languages</b>	English (fluent), Italian (native), French (beginner)
<b>Others</b>	European citizen Canadian permanent resident