




# Giuseppe Germinario

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## EDUCATION

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**Syracuse University**

**Expected May 2022**

PhD, Economics

Dissertation: "Three Essays on Health Economics and Applied Econometrics"

Dissertation Committee Chair: Alfonso Flores-Lagunes

**George Mason University**

**2017**

BS, Economics and Mathematics (minor)

## FIELDS

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**Primary Fields:** Health Economics, Applied Econometrics

**Secondary Fields:** Labor Economics, Public Economics

## RESEARCH EXPERIENCE

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**Syracuse University, Center for Policy Research**

**August 2019 – August 2021**

Research Assistant to Prof. Alfonso Flores-Lagunes

## RESEARCH PAPERS

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**A Voucher a Day Keeps the Doctor Away: Bounding the Effect of Housing Assistance on Recipients' Health** (Job Market Paper)

**Abstract:** Selection bias and a lack of compelling exogenous variation in program administration make it difficult to point identify causal impacts of housing vouchers using cross-sections of observational data. Instead, I exploit an assumption of negative selection into the voucher program, an assumption of monotone treatment response, and a monotone instrumental variable to obtain nonparametric bounds on the effect of housing vouchers on the health of individuals in recipient households. My preferred estimates find that the causal effect is positive and statistically significant, with the likelihood of good or better self-reported health status increased by at least 4.8 percentage points and at most 21.3 percentage points. Among Black members of voucher households, I estimate a larger lower bound of 11.7 percentage points, hinting that the effect on health is potentially larger for this subpopulation.

**What Can We Learn About the Effect of Mental Health on Labor Market Outcomes Under Weak Assumptions? Evidence from the NLSY79.** (with Vikesh Amin, Carlos A. Flores, and Alfonso Flores-Lagunes) Submitted at *Labour Economics*.

**Abstract:** We employ a nonparametric partial identification approach to bound the causal effect of poor mental health on employment and earnings using the National Longitudinal Study of Youth 1979. Our approach allows us to provide bounds on the population average treatment effect based on relatively weak, credible assumptions. We also provide insights into the heterogeneity of the effects on labor market outcomes at different levels of adverse mental health experienced (no-to-mild, moderate, and severe depressive symptoms). We find that (1) being

categorized as depressed decreases employment by 10% and earnings by 27% at most, but we cannot statistically rule out a zero effect, and (2) going from no-to-mild to severe depressive symptoms reduces employment by 2-16% and earnings by 8-37%, with both estimated bounds statistically ruling out a zero effect.

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## WORK IN PROGRESS

**The Use of Polygenic Scores as Monotone Instrumental Variables.** (with Vikesh Amin, Carlos A. Flores, and Alfonso Flores-Lagunes)

**mpclr: A Command for Bias-Corrected Estimation and Valid Inference for Nonparametric Bounds on Treatment Effects.** (with Carlos A. Flores and Alfonso Flores-Lagunes)

**Fuzzy Spatial RDD with Bounded Measurement Error in the Running Variable**

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## PRESENTATIONS

### Syracuse University

Graduate Student Workshop (2021, scheduled); Graduate Labor Group Seminar (2018 – 2021); Graduate Education and Social Policy Seminar (2021, scheduled)

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## SKILLS & LANGUAGES

**Programming:** Stata, R, Python (basic), MATLAB (basic),  $\text{\LaTeX}$

**Languages:** English (native), Italian (conversational), Spanish (beginner)

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## TEACHING EXPERIENCE

<b>Intermediate Microeconomics</b> (undergraduate, Syracuse University) Primary Instructor	<b>Summer 2019</b>
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<b>Economics of Family Decisions</b> (undergraduate, Syracuse University) Teaching Assistant to Prof. Emily Wiemers	<b>Fall 2021</b>
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<b>Environmental and Resource Economics</b> (undergraduate, SU) Teaching Assistant to Prof. Carmen Carrión-Flores	<b>Fall 2020, 2021</b>
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<b>Labor Economics</b> (undergraduate, SU) Teaching Assistant to Prof. Alfonso Flores-Lagunes	<b>Spring 2019</b>
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<b>Intermediate Mathematical Microeconomics</b> (undergraduate, SU) Teaching Assistant to Prof. Leyla D. Karakas	<b>Spring 2019</b>
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<b>Principles of Microeconomics</b> (undergraduate, SU) Teaching Assistant to Prof. Elizabeth Ashby	<b>Fall 2017 – Fall 2018</b>
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## CITIZENSHIP

United States