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**Employment:**

2021 - Assistant Professor at the W. P. Carey School of Business at Arizona State University  
2014 - 2015 Chilean College Board (*Consejo de Rectores de las Universidades Chilenas, CRUCH*)

**Personal Information:**

Date of Birth: June 9th, 1988  
Citizenship: Chilean  
Visa: J1

**Undergraduate Studies:**

Undergraduate Degree, Industrial Engineering, University of Chile, Highest Distinction, 2013  
B., Engineering Science in Industrial Engineering, University of Chile, Highest Distinction, 2011

**Masters Level Work:**

M. A., Economics, University of Pennsylvania, 2018  
M., Public Policies, University of Chile, Highest Distinction, 2013

**Graduate Studies:**

University of Pennsylvania, 2015 to present  
Thesis Title: “*Essays on Empirical Market Design in Higher Education*”  
Expected Completion Date: August 2021

**Thesis Committee and References:**

Hanming Fang (Advisor)  
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University of Pennsylvania  
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**Teaching and Research Fields:**

Applied Microeconomics, Empirical Market Design, Education, and Labor Economics

**Teaching Experience:**

|               |   |
|---------------|---|
| 2016 (Fall)   | Introduction to Economics, University of Pennsylvania,<br>Teaching Assistant for Professor Anne Duchene         |
| 2017 (Spring) | Introduction to Economics, University of Pennsylvania,<br>Teaching Assistant for Professor Rebecca Stein        |
| 2018 (Fall)   | Intermediate level Microeconomics, University of Pennsylvania,<br>Teaching Assistant for Professor Rakesh Vohra |
| 2020 (Spring) | Industrial Organization, University of Pennsylvania,<br>Teaching Assistant for Professor John Lazarev           |

**Research Experience and Other Employment:**

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|-------------|--|
| 2017 - 2019 | University of Pennsylvania, R.A. for Professors Hanming Fang and Andrew Shephard |
| 2019        | University of Pennsylvania, R.A. for Professor Rakesh Vohra                      |
| 2019        | University of Pennsylvania, R.A. for Professors Juan Pablo Atal and Rakesh Vohra |

**Professional Activities****Presentations:**

|      |   |
|------|---|
| 2021 | Toulouse School of Economics, University of Chile, Pontifical Catholic University of Chile, NYU Stern, Arizona State University, University of Exeter, Western University, NERA, MIP 2021, Penn State University (scheduled), WEAI 2021 (scheduled), INFORMS 2021 (scheduled) |
| 2020 | University of Chile, Santiago, Chile  |
| 2019 | North American Summer Meeting / Econometric Society, Seattle, USA   |
| 2018 | 15th Workshop on Matching Practices in Europe, Mannheim, Germany  |

**Refereeing:**

International Economic Review, Higher Education Policy

**Professional:**

|      |   |
|------|---|
| 2015 | Startup - Consultancy Company, <i>TwoMatch</i> Consulting (Design of matching algorithms) |
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**Honors, Scholarships, and Fellowships:**

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| 2021      | Paul Taubman - Memorial Prize for Empirical Economics Research - for the best empirical study by a graduate student in the past year, Department of Economics, University of Pennsylvania |
| 2020-2021 | Maloof Family - Dissertation Fellowship in Economics, Department of Economics, University of Pennsylvania   |
| 2018-2019 | Rodin Graduate Fellowship, Department of Economics, University of Pennsylvania  |
| 2017      | Joel Popkin Award, Graduate Student Teaching Prize in Economics, Department of Economics, University of Pennsylvania  |
| 2015-2020 | University of Pennsylvania Fellowship Department of Economics, University of Pennsylvania   |
| 2014      | Eugenio Lahera Prize: Best Thesis in Public Policies, University of Chile   |

**Publications:**

*"Improving the Chilean College Admissions System"* (with R. Cominetti, I. Rios and G. Parra), in Operations Research, 2021. First place, Doing Good with Good OR - Student Paper Competition (2018)

*"Hunter-gatherers maintain assortativity in cooperation despite high-levels of residential change and mixing"*,

with K. Smith, I. Mabulla, C. Apicella, in *Current Biology* 28 (19), 3152-3157, 2018

*“Effect of Including High-School Grades Rank in the Admission Process to Chilean Universities”*, with A. Mizala and I. Ríos, in *Pensamiento Educativo*, 52 (1), 95–118, 2015.

### **Research Papers:**

**Job Market Paper:** *“Dynamic College Admissions and the Determinants of Students’ College Retention”* (with I. Ríos)

*“Do “Short-List” Students Report Truthfully? Strategic Behavior in the Chilean College Admissions Problem”* (with I. Ríos)

*“College Admissions Problem with Ties and Flexible Quotas”* (with R. Cominetti, I. Ríos and G. Parra)

*“Application Mistakes and Information frictions in College Admissions”* (with M. Martinez, C. Neilson, and I. Ríos)

### **Research Paper(s) in Progress**

*“The Effect of Automation on the U.S Labor Market, under the Affordable Care Act”* (with H. Fang and A. Shephard)

*“Hybrid Dutch auctions and Toxic bonds”*, (with T. Mylovanov, and R. Vohra)

**Languages:** Spanish (Native) and English (Fluent)

**Computational Skills:** R, Rcpp, C++, Python, SQL, and Stata