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PLACEMENT DIRECTORS

Prof. Guido Kuersteiner	gkuerste@umd.edu	(301) 405-3493
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EDUCATION

Ph.D. Economics, University of Maryland at College Park, expected May 2021
M.A. Economics, University of Maryland at College Park, 2018
M.A. Economics, Delhi School of Economics, University of Delhi, Delhi, 2013
B.A. Economics, Shri Ram College of Commerce, University of Delhi, Delhi, 2011

FIELDS OF SPECIALIZATION

Primary: Labor Economics
Secondary: Econometrics

DISSERTATION

Essays on Preference Estimation, Schooling Outcomes and Segregation

Committee: Prof. Guido Kuersteiner (Chair), Prof. Sergio Urzua (Co-Chair), Prof. Nolan Pope

JOB MARKET PAPER

“Preference Estimation in Deferred Acceptance with Partial School Rankings”

The Deferred Acceptance algorithm is a popular school allocation mechanism thanks to its strategy proofness. However, with application costs, strategy proofness fails, leading to an identification problem. In this paper, I address this identification problem by developing a new Threshold Rank framework that models the entire rank order list as a one-step utility maximization problem. I apply this model to study student assignments in Chile. There are three critical contributions of the paper. I develop a recursive algorithm to compute the likelihood of my one-step decision model. Partial identification is addressed by incorporating the outside value and the expected probability of admission into a linear cost framework. The empirical application reveals that although school proximity is a vital variable in school choice, student ability is critical for ranking high academic score schools. Simulation exercises suggest that policy interventions such as tutoring aimed at improving student ability increase the representation of low-income low-ability students in better quality schools.

OTHER RESEARCH PAPERS

“Centralized Admission Systems and School Segregation: Evidence from a National Reform,” *IZA Discussion Paper No. 13305*, with Macarena Kutscher and Sergio Urzua

“When Is Not Safe to Go Outside: Implications of Rising Conflict on Female Physical Mobility in Afghanistan,” working paper, with Cesar Cancho and Christina Wieser

“Explaining Third Birth Patterns in India: Causal Effect of Sibling Sex Composition,” working paper

“Causal Inference for Deferred Acceptance Algorithms,” work in progress, with Guido Kuersteiner and Sergio Urzua

“Impact of Classroom Networks on High School Outcomes in Chile,” work in progress

TEACHING EXPERIENCE

Instructor, Economic Development of Underdeveloped Areas (undergraduate), University of Maryland, Fall 2017, Winter 2018, Spring 2018 and Spring 2020
Instructor, Math camp (graduate), University of Maryland, Summer 2018 and Summer 2019
Instructor, Intermediate Microeconomics (undergraduate), University of Maryland, Winter 2017
Assistant Instructor, Math camp (graduate), University of Maryland, Summer 2017
Teaching Assistant, Environment Economics (undergraduate), University of Maryland, Fall 2019
Teaching Assistant, Labor Economics (undergraduate), University of Maryland, Spring 2017
Teaching Assistant, Intermediate Microeconomics (undergraduate), University of Maryland, Fall 2016
Teaching Assistant, Intermediate Macroeconomics (undergraduate), University of Maryland, Fall 2015 and Spring 2016

RESEARCH AND RELEVANT WORK EXPERIENCE

Short Term Consultant, Afghanistan group, World Bank, Summer 2019, Winter 2020 and Summer 2020
Research Assistant, Prof. Guido Kuersteiner, University of Maryland, Fall 2018 and Spring 2019
Economist, Treasury Research Group, ICICI Bank, Mumbai, 2013-2015
Summer Intern, Reserve Bank of India, Summer 2012

GRANTS AND AWARDS

Jacob K. Goldhaber Travel Grant, University of Maryland, 2020
International Conference Student Support Award (ICSSA), University of Maryland, 2020
K.P. and Jayalakshmi Mudappa Graduate Award, University of Maryland, 2015
Prof Balvir and Ranjana Singh Memorial Scholarship, Delhi School of Economics, 2012
Academic Excellence Award, Shri Ram College of Commerce, 2009 and 2011

CONFERENCE AND SEMINAR PRESENTATIONS

2020: EALE/SOLE/AASLE World conference, Economics Graduate Student Conference at Washington University in St. Louis (accepted), Nederlandse Economenweek 2020 (accepted)

PROFESSIONAL SERVICE

Referee for *Economia*

LANGUAGES

English (fluent), Hindi (fluent), Bengali (fluent)

COMPUTATIONAL SKILLS

Matlab, R, Python, Stata, QGIS

REFERENCES

Prof. Guido Kuersteiner	University of Maryland	gkuerste@umd.edu	(301) 405-3493
Prof. Sergio Urzua	University of Maryland	surzua@umd.edu	(301) 405-3532
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