

### WEBSITE AND CONTACT INFORMATION

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### FIELDS

Applied Microeconomics  
Health Economics  
Industrial Organization

### PLACEMENT CO-CHAIRS

Donald Davis  
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### PLACEMENT ASSISTANT

Amy Devine  
aed2152@columbia.edu

### REFERENCES

Douglas Almond Columbia University da2152@columbia.edu	Ryan McDevitt Duke University ryan.mcdevitt@duke.edu	Ashley Swanson Columbia University ats2180@columbia.edu
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Benjamin Ho  
Vassar College and Columbia University  
benjamin.ho@gmail.com

### OTHER FACULTY WHO KNOW ME WELL

Sebastian Calonico Columbia University nsc2136@cumc.columbia.edu	Gautam Gowrisankaran Columbia University gautamg2@gmail.com	Michael Best Columbia University mcb2270@columbia.edu
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Pietro Tebaldi  
Columbia University  
p.tebaldi@clumbia.edu

### EDUCATION

Doctor of Philosophy, Economics, Columbia University, expected May 2022  
Master of Philosophy, Economics, Columbia University, May 2019  
Master of Arts, Economics, Columbia University, May 2018  
Bachelor of Arts, Economics and Mathematics, with honors, Vassar College, May 2014

### WORKING PAPERS

Entry Barriers in Provider Markets: Evidence from Dialysis Certificate-of-need Programs  
**[job market paper]**

*Abstract.* Can entry barriers in health care provider markets raise welfare? In the U.S., proponents of regulatory entry barriers called CON programs claim that they reduce waste by limiting “unnecessary” entry. I examine CON programs in the dialysis industry, where their effects on market structure, access, health, costs, and welfare are poorly

understood, and where patients are sensitive to access and quality. I combine quasi-experimental policy variation in low population areas with a structural model of patient preferences to find that marginal entrants improved access significantly, reduced hospitalization rates, and generated for patients the utility value of traveling 275-344 fewer miles per month; but there is evidence that they contributed even more to fixed costs. Using policy variation throughout North Carolina, I also find evidence that the NC dialysis CON program created a mechanism through which incumbents could block potential entrants by expanding in tandem with their local patient populations. Taken together, my findings suggest that stronger regulatory entry barriers in low population areas may raise total welfare at patients' expense—but they also amplify concerns that CON programs dampen competition statewide.

#### Estimating event studies when units experience multiple events

*Abstract.* An event study is a statistical framework used to identify the impact of an event over time using observational data. Researchers conducting event studies typically estimate average differences between treated units and untreated units before-and-after an event. So-called “no anticipation” and “parallel trends” assumptions are known to equilibrate such estimands with average treatment effects on the treated in settings where units experience one event at most. In this paper, I introduce a new event study framework to accommodate settings where units may experience one or more events. I introduce an estimator which consistently estimates average treatment effects on the treated of a single event under generalizations of the no anticipation and parallel trends assumptions. I also introduce a parallel pre-trends test which can be used to falsify these assumptions in the usual sense. Finally, I demonstrate in a series of Monte Carlo simulations that the estimator and parallel pre-trends test work well for a wide range of treatment effects, including dynamic, non-stationary, and history-dependent treatment effects.

#### SELECTED WORKS IN PROGRESS

Shutting the door behind you: CON programs and pre-emption in the U.S. dialysis industry

Is it time yet? Measuring the negative externalities of ambulance diversions

Do mandatory minimum standards influence charity care expenditures? Evidence from Illinois.

What happens when resources move but quotas don't? [*joint work with Bozidar Plavsic*]

#### FELLOWSHIPS, HONORS, AND AWARDS

**Dissertation Fellowship**, 2020-2021, Columbia University

**Wueller Award** for the best teaching assistant in an undergraduate economics elective, 2021 (*solo winner*), 2020 (*two-way tie*), 2019 (*solo winner*), 2018 (*solo winner*)

**Vickrey Prize** for the best third year paper in the Economics Ph.D. Program, runner-up, 2019, Columbia University

**Teaching Fellowship**, 2017-2020, Columbia University

**Tananbaum Family Leadership Program for Work and Development Fellowship, 2013,**  
Vassar College

### TEACHING

Game Theory	<b>Instructor</b> , 2020, Columbia University <b>Instructor</b> , 2019, Columbia University <b>Teaching Assistant</b> , 2018, Columbia University [ <i>with Prof. Ho</i> ] <b>Teaching Assistant</b> , 2017, Columbia University [ <i>with Prof. Ho</i> ] <b>Teaching Assistant</b> , 2017, Columbia University [ <i>with Dr. Ward</i> ]
Industrial Organization	<b>Teaching Assistant</b> , 2019, Columbia University [ <i>with Prof. Asker</i> ] <b>Teaching Assistant</b> , 2018, Columbia University [ <i>with Prof. Vergote</i> ]
Economics of Uncertainty and Info.	<b>Teaching Assistant</b> , 2019, Columbia University [ <i>with Prof. Chiappori</i> ] <b>Teaching Assistant</b> , 2020, Columbia University [ <i>with Prof. Chiappori</i> ]
Market Design	<b>Teaching Assistant</b> , 2020, Columbia University [ <i>with Prof. Haeringer</i> ]
Intro. Econometrics	<b>Teaching Assistant</b> , 2018, Columbia University [ <i>with Prof. Erden</i> ]

### SERVICE WORK AND OTHER PROFESSIONAL EXPERIENCE

**Discussant**, 2021, LACDev Conference

**Attendee**, 2021, Inclusive Teaching Workshop, Columbia University Center for Teaching and Learning

**Referee**, 2019, Young Economists Symposium

**Seminar Organizer**, 2019-2020, Columbia University IO Colloquium

**Seminar Organizer**, 2019-2020, Mailman School of Public Health, Health Economics Research and Policy Seminar

**Economics Major Advisor**, 2018-2019, Columbia University

**Research Assistant**, 2016, Columbia University [*with Prof. Nakamura*]

**Associate Analyst**, 2014-2016, NERA Economic Consulting

**Research Assistant**, 2013-2014, Vassar College [*with Prof. Ruud*]

**Research Assistant**, 2012-2013, Vassar College [*with Prof. Johnson*]

**Editor-in-Chief**, 2012-2013, *The Miscellany News*, Vassar College

### PERSONAL

Full name: David Abraham Rosenkranz	Birth Year: 1992
Citizenship: USA	Languages: English (nat.), Russian (conv.)