

**Name**  
Email address  
Phone number  
City

## **CURRENT POSITIONS**

*Microsoft Research*, New York, NY (May 2012 – Present)

Economist

*Columbia University*, New York, NY (May 2012 – Present)

## **PAST POSITIONS**

*Yahoo! Research*, New York, NY (May 2011 – Present)

Post-Doctoral Economist

Founder, Manager, and Author of The Signal at Yahoo!: website (millions of users per month) and online laboratory dedicated to production, interest, and sentiment models, polling, and predicting games; coordination of this project includes work by over 20 PhD researchers, engineers, and editors

## **EDUCATION**

*University of Pennsylvania's Wharton School of Business*, Philadelphia, PA (July 2006 – May 2011)

Ph.D. Candidate in Applied Economics (Business and Public Policy concentration)

*Advisor*: Justin Wolfers, *Secondary Advisor*: Sunshine Hillygus

Carlos and Rosa de la Cruz PhD Fellowship

*Brown University*, Providence, RI (September 1998 – May 2002)

Sc.B. in Civil Engineering and B.A. in History

Cumulative GPA 3.9/4.0

Magna Cum Laude - highest honors (Brown bestows no summa cum laude)

*Phi Beta Kappa*, national liberal arts and sciences honors society

*Tau Beta Pi*, national engineering honor society, junior year induction

*Sigma Xi*, national science research honor society

Research Assistant for William Easterly (September 2005 – June 2006)

## **RESEARCH FIELDS**

Political Economy, Behavioral Economics/Public Opinion, Public Economics/Public Policy, Industrial Organization, Experimental Economics

## **PUBLISHED PAPERS**

Rothschild, David. 2009. "Forecasting Elections: Comparing Prediction Markets, Polls, and their Biases." *Public Opinion Quarterly*. Vol. 73, No. 5, pp 895-916.

Rothschild, David. 2010. "Debiased Aggregated Polls and Prediction Market Prices." *Chance*. Vol. 23, No. 3, pp 6-7.

Teschner, Florian and David Rothschild. 2012. "Simplify Market Access: a New Confidence-Based Interface." *Journal of Prediction Markets*, Vol. 6, No. 3, pp 27-41.

Dudik, Miroslav, Sebastien Lahaie, David Pennock, and David Rothschild. 2013. "A Combinatorial Prediction Market for the U.S. Election". *Electronic Commerce*.

Goldstein, Daniel G., and David Rothschild. 2014. Lay understanding of probability distributions. *Judgment and Decision Making*, Vol. 9, No. 1, pp 1-14.

Rothschild, David and David Pennock. 2014. "The Extent of Price Misalignment in Prediction Markets". Forthcoming.

Wang, Wei, David Rothschild, Sharad Goel, and Andrew Gelman. 2014. "Forecasting Election with Non-Representative Polls." Forthcoming

### **WORKING PAPERS / WORK IN PROGRESS**

"Forecasting Baseball: Take Me Out With the Crowd or a Computer Program?"

"Combining Forecast: Accurate, Relevant, and Timely"

"A comparison of forecasting methods: fundamentals, polling, prediction markets, and experts" with Deepak Pathak and Miro Dudik

"Bandwagon and Information: Quality, Popularity, and the Expected Outcome" with Neil Malhotra

"The Mythical Swing Voter" with Andrew Gelman, Sharad Goel, and Doug Rivers

"A new way to think about confidence ranges" with Daniel G. Goldstein and Florian Teschner

"Expectations: Point-Estimates, Probability Distributions, and Forecasts."

"Forecasting Elections: Voter Intentions versus Expectations" with Justin Wolfers

"Online and social media data as a flawed continuous panel survey" with Fernando Diaz, Michael Gamon, Jake Hofman, and Emre Kiciman

"Markets, Government, and Access to Local Goods and Service Establishments" with Joel Waldfogel

"Voter Turnout: Are Your Friends and Family Voting?"

"Timber Bridges for Unindustrialized Areas." (Brown University senior honors thesis; advised by Professor Barrett Hazeltine, department of engineering)

### **Popular Writing**

Blogger for *Huffington Post* 2012-Present

Blogger for *PredictWise* 2010-Present

Blogger for *Yahoo!* 2011-2012

Blogger for *Wall Street Journal Online* 2008

### **Research Funding**

Carlos and Rosa de la Cruz PhD Fellowship: 2009-2010 and 2010-2011

Russell Ackoff Doctoral Student Fellowship Award: 2010

“Forecasting Elections: Voter Intentions versus Expectations” with Justin Wolfers  
“Markets, Government, and Access to Local Goods and Service Establishments” with Joel Waldfogel  
“Bandwagon and Information: Quality, Popularity, and the Expected Outcome” with Neil Malhotra  
“Socially Inefficient Under-Entry: Evidence from the Liquor Store Market in the Upper Rural Midwest” with Adam Isen  
“Timber Bridges for Unindustrialized Areas.” (Brown University senior honors thesis; advised by Professor Barrett Hazeltine, department of engineering)

#### **POPULAR WRITING**

Rothschild, David and Justin Wolfers, “Market Watcher's Guide to Election Day”, *Wall Street Journal Online*, November 4, 2008.  
Rothschild, David and Justin Wolfers, “Market Manipulation Muddies Election Outlook”, *Wall Street Journal Online*, October 2, 2008.  
Rothschild, David and Justin Wolfers, “Clinton's Win Doesn't Move Political Markets”, *Wall Street Journal Online*, April 23, 2008.

#### **RESEARCH FUNDING**

Carlos and Rosa de la Cruz PhD Fellowship: 2009-2010 and 2010-2011  
Russell Ackoff Doctoral Student Fellowship Award: 2010

#### **REFEREE**

Public Opinion Quarterly, Quarterly Journal of Political Science

#### **SEMINAR PRESENTATIONS**

University of Pennsylvania's Wharton School, Nov 2010 • University of Kansas's Business School, Jan 2011 • Santa Clara University's Business School, Jan 2011 • eBay Research Lab, Jan 2011 • Queens College, Feb 2011 • Yahoo! Research, Feb 2011 • Drexel University's LeBow College of Business, April, 2011

#### **CONFERENCE PRESENTATIONS**

MPSA National Conference: April 2010, April 2011 • AAPOR National Conference: May 2010 • DC-AAPOR Workshop: October 2010 • EC Conference: June 2011 • AMMA Conference: August 2011 • APSA National Conference: August 2011

#### **PROFESIONAL EXPERIENCE**

*President* – DemStore – Washington, DC (January 2003 – June 2006)

Largest political materials consulting firm in USA: design, production, inventory, distribution and direct sales of materials – merchandizing for all major Democratic presidential campaigns in 2004

*Materials Director* – Tony Sanchez for Governor – Austin, TX (June 2002 – December 2002)

*Civil Engineering Intern* – Consolidated Edison – New York, NY (Summer 2001)

*Opposition Research Intern* – New York State Democratic Committee - New York City (Summer 2000)

*White House Intern* – White House - Washington D.C. (Summer 1999)

### **GENERAL EXPERIENCE / SKILLS**

- *Computer Skills:* Matlab, STATA, R, CAD, Maple, some C, Office, Corel, AI, ABUQUS/CAE, RAM, EViews, touch-typing ability

- *Outside Interests:* Golf, Squash, Surfing, Tennis, Rugby, Banjo, Chess, Backgammon