

# Charles E. Gibbons, Ph.D.

## Contact Information

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## Business Address

*The Brattle Group*  
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Dr. Charles Gibbons is an associate with *The Brattle Group* who specializes in applying sophisticated econometric and statistical models to legal, regulatory, and policy issues. He has produced analysis for a variety of litigation matters, including models of mortgage delinquencies, forensic analysis of product defects, and local impacts of environmental damages. He has also developed models for forecasting electricity sales and peak demand for an international utility.

Additionally, Dr. Gibbons is a lecturer at the University of California, Berkeley and last taught a graduate-level course in probability and statistics. He received a Ph.D. in economics and an M.A. in statistics from the University of California, Berkeley. His dissertation proposed new methods in applied econometrics and a theory of competition for online advertising platforms.

## Current positions

<i>The Brattle Group</i>	Associate	2012-present
University of California, Berkeley	Lecturer	2012-present

## Education

University of California, Berkeley	Ph.D., Economics	2012
University of California, Berkeley	M.A., Statistics	2012
Cornell University	B.A., Economics and Government	2006

## Dissertation

Title: "Issues in Online Advertising Auctions and Applied Econometrics"  
Advisor: Suzanne Scotchmer  
Other members: Aaron Edlin and Jasjeet Sekhon

## Professional Experience

### ACADEMICS

Instructor, University of California, Berkeley	2011
Econometrics and Economic Statistics (undergraduate)	
Research assistant, Professor Richard Gilbert	2007
Trends in patent litigation rates and outcomes; institutional analysis of patent pools	
Research assistant, Professor Walter Mebane	2006
Election fraud modeling; statistical forensic analysis of vote counts	

### GOVERNMENTAL AND NON-PROFIT RESEARCH

Federal Energy Regulatory Commission	2005
Application of oligopoly models to market power monitoring and mitigation in the electricity sector	
Beacon Hill Institute	2002, 2003
Spatial analysis of local tax burdens and voting on state tax referenda; comparative analysis of highway systems; contingent valuation study of renewable energy	

### CONSULTING

LECG Economic Consulting	2008
Policy analysis of proposed property tax changes; examined economic and legal foundations of patent valuation; calculated damages	

**Working papers**

- “Ad Server and Firm Strategies in Contextual Advertising Auctions”  
 “Broken or Fixed Effects?” (with Juan Carlos Suárez Serrato and Mike Urbancic)  
 “LATE for School: Instrumental Variables and the Returns to Education” (with Mike Urbancic)  
 “Housing Wealth and the Demand for Electricity” (with Joe Wharton)

**Presentations**

- Electric Utility Forecasters’ Forum, June 2012. “Housing Wealth and the Demand For Electricity: Prometheus Bound.” (with Joe Wharton)  
 U.S. Federal Trade Commission, Microeconomics Conference, November 2011. “Ad Server and Firm Strategies in Contextual Advertising Auctions.”  
 Northwestern University, Searle Center Conference on Internet Search and Innovation, June 2011. “Firm Strategy in Contextual Advertising Auctions.”  
 University of California, Berkeley IGERT seminar, October 2009. “Broken or Fixed Effects?”

**Fellowships and Awards**

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|---|-----------|
| NSF-IGERT Politics, Economics, Psychology, and Public Policy Fellow   | 2008–2010 |
| Institute for Humane Studies Fellow                                   | 2008–2012 |
| Searle Center on Law, Regulation, and Economic Growth Award           | 2011      |
| U.C. Berkeley, Department of Economics Fellowship                     | 2006–2007 |
| Cornell University, Dean’s List (seven occasions)                     |           |
| Zeta Psi International Grand Chapter, Undergraduate of the Year Award | 2006      |