

KARTHIK KALYANARAMAN

U.S. Phone: 202 664 2123

U.K. Phone: +44 755 485 3481

k.kalyanaraman@ucl.ac.uk

education

2004 – 2009 **HARVARD UNIVERSITY** **CAMBRIDGE, MA**
Ph.D. in Economics (Econometrics and Public Economics.) Thesis focused on how to estimate treatment effects with minimal modeling assumptions. Top rated instructor in Department (2007-2008); designed/taught 'Math Boot Camp' to incoming Ph.D.s. GRE Math 800.

1997 – 2001 **DARTMOUTH COLLEGE** **HANOVER, NH**
A.B. *summa cum laude*, Mathematics. GPA 3.98/4.00; Major GPA 4.0/4.0. Ranked 3rd in class of 1100 students. Studied abroad at Free University of Berlin and Oxford University. Academic citations in comparative literature, economics, math, anthropology. Recognized for scholarship in German Culture by U.S. German Consulate.

experience

2009-present **UNIVERSITY COLLEGE LONDON** **LONDON, UNITED KINGDOM**
Assistant Professor (Lecturer in U.K.)

Created new methods of statistical analysis of fundamental importance to several disciplines.

- Developed original methods to study strategically-formed social networks (friendship, R&D partnership, board membership.) Research on predicting link formation and estimating importance of links for outcome (GPA, innovation.) Applications in medicine, sociology, economics and development.
- Devised optimal algorithms to estimate impacts of a policy change with minimal modeling assumptions. Method for 'regression-discontinuity' widely implemented in political science, economics, education, and public policy, including a major study for the U.S. Department of Education by Mathematica Policy Research, Inc. Method taught at Harvard, MIT, UC Santa Barbara. Paper under review at a major journal.
- Other research: language policy in developing countries; optimal randomized experiment design.
- Designed and taught quantitative methods courses to undergraduates and masters students.
- Invited seminar talks at Boston College, BU, Cornell, Harvard, LSE, UIUC, UC Berkeley, UCLA, UT Austin.

2009-present **CEMMAP** **LONDON, UNITED KINGDOM**
Research Staff

The centre for microdata methods and practice (CEMMAP) is the U.K.'s top microeconometrics research institute. Institute fellows develop data analysis tools and train finance and government professionals in their use.

- Provided expertise and helped build cross-disciplinary collaboration in research on social-networks.
- Devised training workshops in new econometric methods used for antitrust, health/education policy and finance.
- Consulted on projects on animal IQ, at-risk children, disease testing, labor contracts, third world tax policy.

2001-2003 **MCKINSEY & COMPANY** **BOSTON, MA**
Business Analyst

As highly-rated analyst, advised corporate and non-profit clients on business strategy.

- Corporate strategy: Advised the finance division of a large multinational consumer products client on achieving functional excellence vis-a-vis industry benchmarks. Led client team in evaluating shared-service plans.
- Investment plan: Modeled global demand for cellular handsets and profit stream from technological innovation.
- Sales incentives: Helped U.S. telecom client structure performance incentives of sales-force to meet profit goals.

internships & part-time JP Morgan: Investment Banking Intern, Summer 2000: Performed M&A analyses in Paper and Building Products.
Times of India: Reporting and Desk Intern, Summer 1999: Obtained six by-lines.
Hopkins Center: Media Relations Coordinator, 1997-2001: Managed media relations with 300 local and national press organizations and radio stations for the arts center at Dartmouth.

community & pro bono

- Developed revenue and exhibition strategy for top contemporary Indian artist Raghava KK. Wrote portions of art investment guide for Raw UMBER, an art management company in Bangalore, India (2003-present).
- Organized office-wide United Way campaign and March of Dimes to raise more than \$80,000 (2002).
- Founded & organized music/dance events for group devoted to raising cultural awareness of South-Asia (2000-01).
- Wrote, directed and performed in main stage and experimental plays at Dartmouth (1997-2000).

personal Native fluency in English, Tamil. Fluent in German, Hindi. Advanced proficiency in French, Spanish, Kannada. Basic skills in Arabic, Persian. Nationality: Indian. Interests include poetry, philosophy, birding, backpacking.