

# MOHIT AGRAWAL

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## Education

**YALE UNIVERSITY** | New Haven, CT | From Aug 2014 (ongoing)

- ▷ Ph.D. Candidate, Department of Economics.
- ▷ Research interests in applied microeconomics: health, education, & political economy.

**UNIVERSITY OF OXFORD**, St John's College | Oxford, UK | From Oct 2012–July 2014

- ▷ Master of Business Administration, with Distinction. Average: 75%.
- ▷ Master of Science in Applied Statistics, with Distinction. Average: 77%.

**PRINCETON UNIVERSITY** | Princeton, NJ | GPA: 3.89 | From Sept 2007–June 2011

- ▷ Bachelor of Arts in Mathematics + Minor in Applications of Computing.
- ▷ Study abroad at the **National University of Singapore**, Spring 2010.

**WEST LAFAYETTE HIGH SCHOOL** | West Lafayette, IN | GPA: 4.00 | Graduation: May 2007

- ▷ Valedictorian, National Merit Scholar, State AP Scholar, Honors Diploma.

## Prizes & Funding

**Akerlof–Yellen & ISPS Graduate Fellowships**, Yale University | 2014–2017, 2016–2017

**Encaenia Student Prize**, University of Oxford | 2015

- ▷ Oxford's top university-wide academic prize, awarded to 10 students annually.

**Saïd Prize**, Saïd Business School, University of Oxford | 2014

- ▷ £10,000 prize awarded to top student in MBA program.

**Rhodes Scholarship**, University of Oxford | 2012–2014

**George J. Mitchell Scholarship**, NUI Galway | 2011–2012

**Josephine De Kármán Fellowship**, Princeton University | 2010–2011

**Early Election to Phi Beta Kappa**, Princeton University | 2010

**George B. Wood Legacy Sophomore Prize**, Princeton University | 2009

- ▷ Top student at Princeton after two years of study.

**Shapiro Prize for Academic Excellence**, Princeton University | 2008, 2009

- ▷ Awarded to top 3% of sophomores and juniors at Princeton.

## Research & Work Experience

**Campaign Finance in US Elections**, Yale University | Advised by Steve Berry | Ongoing

- ▷ Studying impact of campaign finance on election outcomes, incumbency, and candidate entry. Exploit variation in public financing of municipal elections to identify structural model.

**Determinants of Student Outcomes**, Yale University | Joint w/ J Altonji & R Mansfield | Ongoing

- ▷ Using panel surveys to measure impact of family and neighborhood characteristics on educational attainment and income. Each panel follows ~12,000 individuals from high school to after college. Develop econometric techniques to account for selection on unobservables.

**Knowledge Spillovers in Medical Treatment**, Yale University | Advised by Jason Abaluck | Ongoing

- ▷ Exploit random population-level variation and timings of new treatments to identify the network of knowledge transfer between hospitals and medical practices. Compare network of knowledge transfer to insurance and social networks.

**Data Analyst**, Analytics | Obama for America | Chicago, IL | Summer, 2012

- ▷ Built statistical model to predict likelihood to vote among registered voters in 12 swing states using individual-level voter history files and 300,000 telephone survey responses. Resulting model used to improve campaign's voter targeting efforts and marketing strategy.

**Director's Summer Program**, Department of Defense | Washington, D.C. | Summer, 2010

- ▷ Developed tools to attack a sophisticated cryptologic system of national defense interest.

<b>Extracurricular &amp; Service Activities</b>	<p><b>Financial Review &amp; Audit Commission</b>, New Haven   Commissioner, 2015–2019</p> <ul style="list-style-type: none"> <li>▷ Five-member commission meets monthly to advise elected officials on budgeting and financial controls. Nominated by Mayor and approved by Board of Alders.</li> <li>▷ Spearheading review of city's \$106M healthcare budget to reduce costs and improve quality. Focusing on provider-side contracting reforms, including alternatives to fee-for-service.</li> </ul> <p><b>Litigation Settlement Committee</b>, New Haven   Member, 2015–2019</p> <ul style="list-style-type: none"> <li>▷ Six-member committee that collaborates with city's legal and finance staff to review litigation and to approve settlements. Developing long-term strategy to reduce risk of litigation.</li> </ul> <p><b>Venture Capital Investment Competition</b>, Oxford   Team Leader, 2014</p> <ul style="list-style-type: none"> <li>▷ Led team of Oxford MBA students with no prior VC experience. "Blew away" competitors from top business schools to win pan-European competition. Placed 5th at global finals.</li> </ul> <p><b>Engineers Without Borders</b>, Princeton   Co-President, 2010–2011; Project Manager, 2008–2009</p> <ul style="list-style-type: none"> <li>▷ Proposed Ghana School Library Initiative (GSLI) to construct a library in Ashaiman, Ghana. Led team of 15 students to design library and fundraise \$40,000. Managed on-site construction in Ghana in collaboration with professional engineers. GSLI was awarded the Premier Project award in 2013, EWB-USA's highest honor for a project.</li> <li>▷ As co-president, started Sustainable Engineering and Development Scholars training program for incoming EWB students. Recognized with Princeton's inaugural Alberto Santos-Dumont Prize for initiating "greater campus dialogue about sustainability in international development."</li> <li>▷ Launched new collaboration with local health NGO in Sierra Leone. Initiated closure of project in Peru to prevent local dependency. Organized first annual "Collective Motion" conference on sustainable development with 10 speakers and 150 attendees.</li> <li>▷ Won funding through Princeton's competitive Dale Fellowship to launch a newsletter project to better engage local high school students in Ashaiman's political process.</li> </ul>
<b>Workshops Attended</b>	<p><b>Youth Labor Market Meetings</b>, NBER   Cambridge, MA   November, 2016</p> <ul style="list-style-type: none"> <li>▷ Invited to present working paper on how neighborhoods, schools, and local labor markets determine future student outcomes. Paper under review at the Journal of Labor Economics.</li> </ul> <p><b>Machine Learning in Economics</b>, University of Chicago   September, 2016</p> <ul style="list-style-type: none"> <li>▷ Two-day interdisciplinary workshop on how recent advances in machine learning are being applied in economics. Am using several ML techniques in current research.</li> </ul> <p><b>Summer School on Socioeconomic Inequality</b>, University of Chicago   August, 2015</p> <ul style="list-style-type: none"> <li>▷ One-week summer school on current research on socioeconomic inequality; particular focus on big data and administrative data sets.</li> </ul>
<b>Teaching Experience</b>	<p><b>Teaching Fellow</b>, Department of Economics   Yale University   2016–2017</p> <ul style="list-style-type: none"> <li>▷ Serve as teaching fellow to Profs. Joseph Altonji and Yusuke Narita for undergraduate intermediate econometrics. Am responsible for grading, teaching Stata &amp; R, and teaching sections.</li> </ul> <p><b>Teaching Assistant</b>, Department of Statistics   University of Oxford   2013–2014</p> <ul style="list-style-type: none"> <li>▷ Taught two recitation sections in statistical theory, conducted two-hour R programming labs, and graded problem sets weekly for 40 students in the MSc in Applied Statistics.</li> </ul> <p><b>Teaching Assistant</b>, Dept of Economics   National University of Ireland, Galway   2011–2012</p> <ul style="list-style-type: none"> <li>▷ Taught 200 students per semester in four weekly problem classes for first- and second-year micro- and macroeconomics. Received strong teaching feedback, overall evaluation of 4.9/5.</li> </ul>
<b>Scores</b>	GRE 790V/800Q/6.0W, SAT 800V/800Q/790W.
<b>Languages</b>	Working proficiency in Hindi and Spanish.
<b>Technical Skills</b>	Matlab, Mathematica, Stata, R, Python, and $\text{\LaTeX}$ .
<b>Memberships</b>	American Economic Association, Econometric Society, & American Statistical Association.
<b>Other Activities</b>	Branford College affiliate, rowing, tennis, table tennis, trivia, aviation, and cars.