

Paul M. Kominers

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EDUCATION

Massachusetts Institute of Technology, Class of 2012, B.S. Economics (Course 14) GPA 4.5, Major GPA 4.5
Walt Whitman High School (Class of 2008) GPA 4.78(weighted), 3.98 (unweighted).

EMPLOYMENT

- Berkman Center for Internet and Society at Harvard University · Research Assistant (2010-present)
Researched topics related to interoperability, particularly those concerning interoperability on the smart grid.
- MIT Sloan Economics, Finance, and Accounting Group · Professor Robert Gibbons · Research Assistant (2009-2010)
Performed research in organizational economics, in particular the NK model of rugged landscapes.
- MIT Media Lab Human Dynamics Group · Mob Media Project · Research Assistant (2009)
Managed the Random Hall Phones experiment; researched law applying to our use of data.
- MIT Admissions Office · Intern (2009-present)
Conducted MIT Admissions Information Sessions; worked on a variety of projects for the MIT Admissions Office.
- MIT/Center for Excellence in Education · Research Science Institute · Counselor (2008)

PUBLICATIONS (SELECTED)

Refereed Research Papers (Selected)

- “A Constant Bound for the Periods of Parallel Chip-firing Games with Many Chips,” (with S. Kominers), *Archiv der Mathematik*, 95(1) (2010)
- “Improving MIT IS&T’s Call Resolution Time,” with (K. Qiu, D. Wu), *MIT Undergraduate Research Journal*, 19 (2010)
- “Improved Bounds on the Sizes of S.P Numbers” (with S. Kominers), *The Mathematical Gazette*, 94(529) (2010)
- “Reality Mining and Personal Privacy” (with A. Madan, B. Waber, M. Ding, and A. Pentland), *Engaging Data Forum* (2009)
- “The Candy-Passing Game for $c \geq 3n - 2$,” *Pi Mu Epsilon Journal* 12(8) (2008)

Refereed Problems and Solutions (Selected)

- *Refereed Solutions*: Pi Mu Epsilon Journal 1175, 1176 (with S. Kominers, Fall 2008)
- *Refereed Problems*: Pi Mu Epsilon Journal 1213 (with S. Kominers, Fall 2009); Harvard College Mathematics Review S08-2 (with S. Kominers and J. Chen, 2008); Alfred R. Schmidt Freshman Mathematics Competition (with J. Rickert and S. Kominers, 2007, 2008)

AWARDS AND HONORS

- AmeriCorps Student Leader in Service (2009-2010)
- MIT ESG Peter and Sharon Fiekowsky Award (2009)
- Intel Science Talent Search · Semifinalist (2008)
- Siemens Competition in Math, Science and Technology · Semifinalist (2007)
- ISEF · Finalist · American Mathematical Society Karl Menger Prize (Third) (2008)
- Research Science Institute · Scholarship, Co-Rickoid of the Year (2007)

EXTRACURRICULARS

- MIT Educational Studies Program (ESP)
 - Co-Chair (2009-present): Coordinate and oversee student service organization that conducts annually nine or more significant, and several smaller, educational outreach programs.
 - Co-Director, Splash 2009 and Spark 2009: Organized recruitment of instructors and students, coordinated advance preparations and on-site program management for programs attended, respectively, by over 2300 and 600 middle and high school students taking classes taught by, respectively, over 300 and 100 MIT students and community members.
 - Teaching (2008-present): Taught various short seminars, mostly on topics relating to policy or law. See <http://pkoms.com/teach.html>.
- Everett Moore Baker Memorial Foundation · Vice Chairman (2009-present), Historian (2009)
Served on Presidential Institute Committee which provides service fellowships to students, devises an annual initiative targeting a specific area of MIT student life, and awards the Baker Excellence in Teaching Award.
- MIT Random Hall · Executive Committee Member-at-Large (2008-present) · Campus Preview Weekend and Residence Exploration Chair (2009)