

# **Roland Gerhard Fryer, Jr.**

Curriculum Vitae

April 2011

## **Address**

Department of Economics  
Harvard University  
1805 Cambridge Street  
Cambridge, MA 02138

## **Academic Positions**

Robert M. Beren Professor of Economics, Harvard University, 2009-  
Professor of Economics, Harvard University, 2007-2009  
Assistant Professor of Economics, Harvard University, 2006-2007  
Founder, Education Innovation Laboratory, 2008-  
Associate Director, Du Bois Institute for African and African-American Research,  
2006-2008  
Faculty Associate, Institute for Quantitative Social Science, 2006-  
Research Associate, National Bureau of Economic Research (NBER), 2003-  
Junior Fellow, Harvard Society of Fellows, Harvard University, 2003-2006  
National Science Foundation Post-Doctoral Fellowship, 2001-2003  
Doctoral Fellow, American Bar Foundation, 2001-2003

## **Other Positions**

Chief Equality Officer, New York City Department of Education, 2007-2008

## **Education**

Ph.D., Economics, The Pennsylvania State University, 2002  
Thesis Title: *Mathematical Models of Discrimination and Inequality*,  
Advisor: Tomas Sjöström

B.A., Magna cum Laude, Economics (with Departmental and University Honors),  
The University of Texas at Arlington, 1998

## **Research and Teaching Interests**

Social Economics, Applied Theory, Applied Microeconomics

## **Forthcoming and Published Papers**

1. "Categorical Cognition: A Psychological Model of Categories and Identification in Decision Making: An Extended Abstract" (with M. Jackson), *Proceedings of*

*the 9th conference on Theoretical Aspects of Rationality and Knowledge, 2003, pp. 29-34.*”

2. “Understanding the Black-White Test Score Gap in the First Two Years of School” (with S. Levitt), *The Review of Economics and Statistics, May 2004*
3. “The Causes and Consequences of Distinctively Black Names (with S. Levitt) *The Quarterly Journal of Economics, August 2004*
4. “Falling Behind” (with S. Levitt) *Education Next, August 2004.*
5. “Experience-Based Discrimination,” (with J. Goeree and C. Holt) [*The Journal of Economic Education, Spring 2005*]
6. “An Economic Analysis of ‘Acting White’,” (with D. Austen-Smith) [*The Quarterly Journal of Economics, May 2005*]
7. “Affirmative Action and Its Mythology” (with G. Loury) [*The Journal of Economic Perspectives, Summer 2005*]
8. “Affirmative Action in Winner-Take-All Markets” [*Journal of Economic Inequality, December 2005*] (with G. Loury)
9. “Experimental Studies of Discrimination” (with L. Anderson and C. Holt) [*forthcoming in the Handbook on Economics of Discrimination, William Rogers, Ed.*]
10. “Losing Ground at School” (with S. Levitt) [Chapter 4, in *Generational Change: Closing the Test Score Gap, February 2006*]
11. Is School Segregation Good or Bad? (with F. Echenique and A. Kaufman) [*American Economic Review, Papers and Proceedings, May 2006*]
12. “The Black-White Test Score Gap Through Third Grade” (with S. Levitt) [*forthcoming in a special issue of American Law and Economic Review*]
13. “Acting White” [*Education Next, Winter 2005*]
14. “Belief-Flipping in a Dynamic Model of Statistical Discrimination,” [*forthcoming in Journal of Public Economics*]
15. “A Measure of Segregation Based on Social Interactions (with F. Echenique) [*forthcoming in the Quarterly Journal of Economics*]
16. “A Model of Social Interactions and Endogenous Poverty Traps,” [*forthcoming in Rationality and Society*]

17. "Guess Who's Been Coming to Dinner? Trends in Interracial Marriage Over the 20<sup>th</sup> Century," [*forthcoming in the Journal of Economic Perspectives*]
18. "An Economic Analysis of Color-Blind Affirmative Action," (with G. Loury and T. Yuret), [*forthcoming in Journal of Law, Economics, and Organization*]
19. "Categorical Cognition: A Psychological Model of Categories and Identification in Decision Making" (with M. Jackson) [*forthcoming in Contributions to Theoretical Economics, Berkeley Electronic Press*]
20. "Exploring the Impact of Financial Incentives on Stereotype Threat: Evidence from a Pilot Study" (with S. Levitt and J.A. List). *American Economic Review*, May 2008.
21. "Implicit Quotas," [*forthcoming in Journal of Legal Studies*]
22. "Testing for Racial Differences in the Mental Ability of Young Children," [*forthcoming in American Economic Review*]
23. "The Causes and Consequences of Attending Historically Black Colleges and Universities." (with M. Greenstone) [*forthcoming American Economic Journal: Applied Economics*]
24. "An Empirical Analysis of 'Acting White' (with P. Torelli), [*forthcoming Journal of Public Economics*], 2005 [under review]
25. "An Empirical Analysis of Gender Differences in Mathematics" (with S. Levitt) [*forthcoming American Economic Journal: Applied Economics*]
26. "Measuring the Compactness of Political Districting Plans" (with R. Holden), [*forthcoming Journal of Law and Economics*]
27. It May Not Take a Village: Increasing Achievement Among the Poor (with V. Curto and M. Howard) [*forthcoming in Social Inequality and Educational Disadvantage, Brookings Press*]
28. "The Importance of Segregation, Discrimination, Peer Dynamics, and Identity in Explaining Trends in the Racial Achievement Gap," [*forthcoming in Handbook of Social Economics*]
29. "Racial Inequality in the 21<sup>st</sup> Century: The Declining Significance of Discrimination" [*forthcoming in Handbook of Labor Economics, Volume 4*]
30. "Measuring the Impact of Crack Cocaine" (with P. Heaton, S. Levitt, and K. Murphy), [*forthcoming in Economic Inquiry*]

31. “Are High Quality Schools Enough to Increase Achievement Among the Poor?” Evidence from the Harlem Children’s Zone (with W. Dobbie), [*forthcoming in American Economic Journal: Applied Economics*]
32. “The Plight of Mixed Race Kids” (with L. Kahn, S. Levitt, and J. Spenkuch) [*forthcoming in Review of Economics and Statistics*]
33. “Financial Incentives and Student Achievement: Evidence from Randomized Trials,” 2010 [*forthcoming in Quarterly Journal of Economics*]

### **Working Papers**

34. “Valuing Identity” (with G. Loury) [Available as NBER Working Paper No. 16568], Revised November 2010 [Revision Requested from the *Journal of Political Economy*]
35. “Hatred and Profits: Getting Under the Hood of the Ku Klux Klan” (with S. Levitt) [Available as NBER Working Paper No. 13417], Revised February 2011 [Revision Requested from *Quarterly Journal of Economics*]
36. “Teacher Incentives and Student Achievement: Evidence from New York City,” 2008 [Available as NBER Working Paper No. 116850] [under review]
37. “A Roy Model of Social Interactions” (with S. Cicala and J. Spenkuch), 2011 [Available as NBER Working Paper No. 16880] [under review]
38. “Estimating the Returns to Urban Boarding Schools” (with V. Curto) [Available as NBER Working Paper No. 16746] [under review]
39. “Racial Differences in Life Expectancy: The Impact of Salt, Slavery, and Selection.” (with D. Cutler and E. Glaeser), 2009

### **Papers in Progress**

40. “The Impact of Service Programs on Future Outcomes: Evidence from Teach for America” (with W. Dobbie)
41. “Racial Disparities in Job Finding and Offered Wages: Evidence from High Frequency Longitudinal Data” (with J. Spenkuch and D. Pager)
42. “The Returns to Attending an Elite High School” (with W. Dobbie)
43. “A Two-Armed Bandit Theory of Poverty” (with P. Harms)

44. “The Impact of Non-Financial Incentives on Student Achievement: Evidence from Two Pilot Initiatives” (with W. Dobbie and J. List)
45. “Racial Bias in Hollywood? Evidence from Horror Movies”
46. “The Anatomy of Successful Charter Schools” (with W. Dobbie)
47. “Optimal Incentives in a Principal-Clueless Agent Model” (with R. Holden)
48. “A Model of Interpretation” (with R. Holden)
49. “The Impact of Parent, Teacher, and Student Incentives on Student Achievement”
50. “Student Motivation and Student Achievement: Evidence from Oklahoma City”
51. “Substituting Teachers with Computers: Evidence from New York City”

### **Field Experiments and Data Collection Projects in Progress**

Educational Engineering: Injecting Charter School Strategies into Public Schools  
 Teacher Pay for Performance in Chicago Heights (with J. List and S. Levitt)  
 Innovative Early Childhood in Chicago Heights (with J. List and S. Levitt)  
 The Non-Cognitive Effects of Charter Schools: Evidence from Boston and NYC  
 Are High Quality Schools Enough to Reduce Social Problems? Evidence from the Harlem Children’s Zone

### **Fellowships and Academic Honors**

The Presidential Early Career Award for Scientists and Engineers, 2009  
 National Science Foundation CAREER Award, 2008-  
 Furer Fellowship, Harvard University, 2007  
 Dr. S Allen Counter Faculty Award, Harvard University, 2007  
 Alfred P. Sloan Research Fellowship, 2007  
 Warburg Fellowship, Harvard University, 2007  
 Inaugural Alphonse Fletcher Fellow, 2005  
 Best Graduate Student Paper, SWEA, 2001  
 CIC Exchange Scholar, The University of Chicago, 2000-2001  
 Research Fellow, Institute on Race and Social Division, Boston University, 1999-  
 Jacob J. Kaufman Scholarship, Pennsylvania State University, 2000  
 Minority Graduate Fellowship, Pennsylvania State University, 1999-2002

### **Selected Grants and Gifts**

Broad Foundation Grant, 2011 [2,500,000]

Community Foundation of Oklahoma, 2011 [284,000]  
Hecksher Foundation Grant, 2011 [500,000]  
Ford Foundation Grant, 2010 [\$1,000,000]  
Liemandt Foundation Grant, 2010 [\$1,500,000]  
Hecksher Foundation Grant, 2010 [\$250,000]  
Gates Foundation Grant, 2009 [\$1,000,000]  
Arnold Foundation Grant, 2009 [\$500,000]  
Fisher Foundation Grant, 2009 [\$500,000]  
Griffin Foundation Grant, 2009 [\$10,000,000]  
CAREER Grant, 2008 [\$400,000]  
Steans Foundation, 2008 [\$150,000]  
Joyce Foundation, 2008 [\$150,000]  
Broad Foundation Grant, 2007-2009 [\$7,600,000]  
NYC Mayor's Fund Grant, 2007-2009 [\$4,800,000]  
District of Columbia Public Schools, 2007-2009 [\$1,900,000]  
Smith Richardson Foundation Grant, 2007-2009 [\$360,000]  
National Science Foundation Grant, 2005-2007 [\$200,000]  
Milton Fund Grant, Harvard University, 2004-2005 [\$35,000]  
NICHD Minority Research Grant, 2001-2002 [\$15,000]