

ABDOULAYE NDIAYE

Placement Director: Professor Matthias Doepke 847-491-8207 doepke@northwestern.edu
Placement Administrator: Mercedes Thomas 847-491-5694 econjobmarket@northwestern.edu

Contact Information Department of Economics Mobile: 857-241-7251
Northwestern University ndiaye@u.northwestern.edu
2211 Campus Drive www.sites.northwestern.edu/ndiaye
Evanston, IL 60208 Citizenship: Senegalese

Fields Research: Macroeconomics, Public Economics
Teaching: Macroeconomics, Public Finance

Education Ph.D., Economics, Northwestern University, 2018 (expected)
Dissertation: Essays on optimal taxation and retirement policies
Committee Chairpersons: Professors Alessandro Pavan and Guido Lorenzoni
M.A., Economics, Northwestern University, Evanston, Illinois, 2014
M.S., Economics and Finance, Ecole Polytechnique, Paris, France, 2013
B.S., Mathematics and Economics, Ecole Polytechnique, Paris, France, 2012

Research Experience Visiting Student, Department of Economics, Sciences Po Paris, Summer 2017
Visiting Student, Julis-Rabinowitz Center for Public Policy and Finance, Princeton University, Summer 2016
Research Assistant to Professor Alessandro Pavan, Fall 2015, Winter 2016
Research Assistant to Professor Guido Lorenzoni, Spring 2015
Visiting Scholar, Department of Economics, Harvard University, Spring Term 2013
Economics Affairs intern, United Nations, New York Headquarters, Summer 2012

Teaching Experience Teaching Assistant, Northwestern University, 2014-2016
Introduction to Macroeconomics, Math Camp, Introduction to Microeconomics, Econometrics
Teaching Assistant, Lycée Louis-le-Grand, 2011-2012
Mathematics

Fellowships & Awards Graduate Fellowship, Northwestern University, 2014-2018
Full Fellowship, Ecole Polytechnique, 2010-2013
Merit Scholarship, Senegalese Ministry of Education, 2007-2013
National Champion, FDA French Debating Championship, 2013
Third Prize, National Physics Competition (Concours General), 2007

Conference Presentations Illinois Economic Association Meetings 2017, National Tax Association Meetings 2017, Federal Reserve Bank of Chicago (scheduled)

Discussions "Income Taxation, Firing Costs and Insurance within Firm" by Pawel Doligalski, National Tax Association Meetings 2017
"Inverse December Fever" by Zareh Asatryan, Andreas Peichl, Thomas Schwab, and Johannes Voget, National Tax Association Meetings 2017

Refereeing	Review of Economic Dynamics	
Job Market Paper	<p>“Flexible Retirement and Optimal Taxation”</p> <p>This paper studies optimal income taxes and retirement benefits in a life-cycle model with an intensive margin of labor supply and an endogenous retirement age. The government insures and redistributes resources across individuals who privately observe persistent shocks to their productivity. In this environment, the optimal labor tax is hump-shaped in age, unlike in existing models with no endogenous retirement choice, in which the optimal tax is everywhere increasing. Because of the retirement margin, the total Frisch elasticity of labor supply increases with age. This elasticity effect flattens the labor tax for old workers relative to the model without an extensive margin. In addition, as high-productivity workers retire later than low-productivity workers, the distribution of productivity in the labor force features, over time, a higher mean and lower variance than in the general population. This novel composition effect pushes for a labor tax that declines for old workers. Optimal policy balances these effects with the insurance benefits of taxation, yielding the hump-shape in tax rates. In numerical simulations, the optimum achieves sizable welfare gains that approximately optimal age-dependent taxes fail to capture under the current US Social Security system. Yet, an optimal combination of age-dependent linear taxes with increasing-in-age delayed retirement credits generates welfare gains that are close to those from the optimum.</p>	
Work in Progress	“Precautionary Savings, Bounded Rationality, and Savings for Retirement”	
Languages	English (fluent), French (native), Wolof (native), Turkish (good), Arabic (intermediate)	
References	<p>Professor Alessandro Pavan Department of Economics Northwestern University 2211 Campus Drive Evanston, IL 60208 847.491.8266 alepavan@northwestern.edu</p> <p>Professor Mariacristina De Nardi Research Department Federal Reserve Bank of Chicago 230 South LaSalle Street Chicago, IL 60604 312.322.5769 denardim@nber.org</p>	<p>Professor Guido Lorenzoni Department of Economics Northwestern University 2211 Campus Drive Evanston, IL 60208 847.491.8217 guido.lorenzoni@northwestern.edu</p> <p>Professor Lawrence Christiano Department of Economics Northwestern University 2211 Campus Drive Evanston, IL 60208 847.491.8231 l-christiano@northwestern.edu</p>