

**THOMAS BREDA**

[http://www.parisschoolofeconomics.com/breda-thomas/index\\_en.html](http://www.parisschoolofeconomics.com/breda-thomas/index_en.html)

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French citizen, May 1<sup>st</sup>, 1983

## Contact

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## Current Positions

- Oct. 2013 – **Paris School of Economics**, Associate member.
- Oct. 2013 – **CNRS** Full-time junior researcher.
- Oct. 2013 – **Institut des politiques publiques**, Programme Director (Labour Markets).
- April 2015 – **Institute for the Study of Labor (IZA)**, Research fellow.

## Past Employment

- 2011 - 2013 **Centre for Economic Performance (LSE)**, Postdoctoral fellow.
- 2008 - 2009 **Ministry of budget**, junior advisor on the liberalization of the French gambling market.
- 2007 - 2008 **Banque de France**, research assistant.

## Graduate Studies

- 2008 - 2011 PhD, Paris School of Economics. *Thesis Title*: “Unions, bargaining and family firms: effects on wages and job protection” under the supervision of Philippe Askenazy.
- 2006 - 2007 Visiting Student at the Department of Economics, Princeton University.
- 2004 - 2006 M.A. Economics “Analyse et Politique Economiques”, PSE.  
Graduation from National School of Economics and Statistics (ENSAE).

## Undergraduate Studies

- 2003 Admitted at Ecole Normale Supérieure - Rue d’Ulm. B.A. in Mathematics.

## Research Fields

Labor Economics, Gender Inequality, Employment Relations, Discrimination.

## Peer-Reviewed Publications

### a) In English:

“Girls’ comparative advantage in reading can largely explain the gender gap in math-intensive fields”, *PNAS (Proceedings of the National Academy of Science of the United States of America)*, July 30, 2019: vol. 116, no 31, pp. 15435-15440. ([Link](#))

“Societal inequalities amplify gender gaps in math”, with Elyès Jouini and Clotilde Napp. *Science*, 16 Mar 2018: vol. 359, Issue 6381, pp. 1219-1220. ([Link](#))

“Working in Family Firms”, *IZA World of Labor*, 2018: 434. ([Link](#))

“Contribution ceilings and the Incidence of Payroll Taxes”, with Facundo Alvaredo, Barra Roantree and Emmanuel Saez. *De Economist*, vol. 165, no 2, pp. 129-140, 2017. ([Link](#))

“Incidence and Behavioural Response to Social Security Contributions: an Analysis of Kink Points in France”, with Antoine Bozio and Julien Grenet. *De Economist*, vol. 165, n°2, pp. 141-163, 2017. ([Link](#))

“Teaching accreditation exams reveal grading biases favor women in male-dominated disciplines in France”, with Méлина Hillion. *Science*, vol. 353, Issue 6298, pp. 474-478, 2016. ([Link](#))

“Advertising and R&D: theory and evidence from France”, with Philippe Askenazy and Delphine Irac. *Economics of Innovation and New Technology*, vol. 25, n° 1, pp. 33-56, 2016. ([Link](#))

“Firms’ rents, workers’ bargaining power and the union wage premium in France”, *The Economic Journal*, vol. 125, pp. 1616-1652, 2015. ([Link](#))

“Professors in Core Science are not always Biased against Women: Evidence from France”, with Son Thierry Ly. *American Economic Journal: Applied Economics*, vol. 7, n° 4, pp. 53-75, 2015. ([Link](#))

“Working in family firms: less paid but more secure?”, with Andrea Bassanini, Eve Caroli and Antoine Reberioux. *Industrial and Labor Relations Review*, vol 66, n°2, pp. 433-466, 2013. ([Link](#))

### b) In French:

“Un modèle calibré pour évaluer l’effet du CICE sur l’emploi”, with Luke Haywood and Haomin Wang. *Revue Française d’Economie*, vol. 32, n° 1, pp. 16-58, 2017. ([Link](#))

“Des délégués syndicaux sous-payés : une situation de discrimination stratégique ?”, with Jérôme Bourdieu. *Travail et Emploi*, vol 145, pp. 31-58, 2016. ([Link](#))

“Façonner la prescription, influencer les médecins. Les effets difficilement saisissables du coeur de métier des grandes entreprises pharmaceutiques”, with Jérôme Greffion. *Revue de la régulation*, vol. 17, n° 1, 2015. [[Online](#)]

“Les délégués syndicaux sont-ils discriminés ?”, *La Revue Economique*, vol 65, n°6, pp. 841-880, 2014. ([Link](#))

## Books

*Les Représentants du Personnel*, Presses de Sciences Po, Mars 2016. [[Online extended version](#)]

*De la théorie la la pratique : les effets attendus et observés de l'action syndicale*, IRES, Collection Agence d'Objectifs, Mars 2011.

## Chapters in Books

“Educational testing and gender”, in the Wiley Blackwell Encyclopedia of Gender and Sexuality Studies (ed. Naples N., Hoogland, R.C., Wickramasinghe, M. and A. Wong), 2016.

## Working Papers/Work in Progress

### **Gender segregation, Gender gap in science:**

“Diversity and Social Capital Within the Workplace: Evidence from Britain”, with Alan Manning. *Under submission* ([Link](#))

“Can female role models reduce the gender gap in science? Evidence from classroom interventions in French high schools”, with Julien Grenet, Marion Monnet and Clémentine Van Effenterre. *Under submission* ([Link](#))

### **Unions:**

“Democracy at Work: a Study of the 2008 French Union Representativity Reform”, with Philippe Askenazy. ([Slides](#))

“Plant-Level Productivity in a Declining Market: The Case of Union Locals”, with Alex Bryson and John Forth. *Under submission* ([Link](#))

“The Role of Social Norms and the Media in Reducing Wage Inequalities within Trade Unions”, with Paolo Santini. ([Slides](#))

### **Taxes, social security contributions and the structure of wages:**

“Wages, labor costs, taxes and technological determinants of inequalities: France 1976-2010”, with Antoine Bozio and Malka Guillot. ([Link](#))

“Earnings responses from contributory and non-contributory social security contributions: Evidence from France”, with Antoine Bozio and Julien Grenet. *Under submission* ([Link](#))

“Labor market responses to taxes and minimum wage: a dynamic structural approach”, with Luke Haywood and Haomin Wang. *Under submission* ([Link](#))

“Modeling earnings and inequality dynamics with linked employer-employee data”, with Richard Blundell and Jean-Marc Robin.

#### **Other:**

“The elasticity of demand for gambling: How much should the machine give me back to make me lose all my money? Evidence from a sample of slot machines”. ([Slides](#))

“Public-private pay differential: different workers or different compensation policies?”, with Clément Imbert.

#### **Research and Policy Reports (in French)**

*Education, skills and skill mismatch: a review and some new evidence based on the PIAAC survey*, , with Kentaro Asai, Audrey Rain, Lucile Romanello, and Marc Sangnier. Rapport IPP, forthcoming.

*Quel avenir pour le dialogue social européen ?*, Contribution au rapport annuel sur le dialogue social d’Humanis. pp. 36-53, 2018. ([Link](#))

*What could explain differences in decision-making across French labor courts?*, with Esther Chevrot-Bianco, Claudine Desrieux and Romain Espinosa. Document de travail CEPREMAP n°1705. Novembre 2017. ([Link](#))

*Féminisation et performances économiques et sociales des entreprises*, Rapport IPP n°12. Décembre 2015. Report for the Ministry of Women’s Rights. ([Link](#))

*Les carrières des non-titulaires du secteur public : analyse rétrospective et projections*, with Jérémy Boccanfusso, Antoine Bozio et Clément Imbert. Rapport IPP n°5. Décembre 2014. Report for Ircantec. ([Link](#))

*Inégalités hommes/femmes: théorie et faits empiriques*, Awareness-raising report for the BNP Paribas. Mai 2009.

#### **Research and Policy Briefs**

“Prud’hommes : peut-on expliquer la disparité des décisions ?”, with Esther Chevrot-Bianco, Claudine Desrieux and Romain Espinosa. *IPP note* n°29, November 2017. ([Link](#))

“Il faut mettre en oeuvre une nouvelle gouvernance du salariat”, *Paris School of Economics, La Parole à ...*, Juin 2016. ([Link](#))

“La réforme du code du travail”, *La Vie des idées*, January 2016. ([Link](#))

“Are girls discriminated against in the sciences? Lessons from the ENS competitive entrance exams”, with Son-Thierry Ly. *IPP note* n°15, December 2014. ([Link](#))

“Pourquoi y a-t-il si peu de femmes en science ?”, *Regards croisés sur l’économie*, 2014/2, n°15. ([Link](#))

“Science: why the gender gap?”, *CentrePiece*, Vol. 17, n°3, pp. 22-23. 2012. ([Link](#))

“Panorama des salaires conventionnels sur la période 2003-2009”, *Dares Analyses*, no. 092, December 2011. ([Link](#))

“Les délégués syndicaux sont-ils discriminés ?”, *La Vie des idées*, October 2011. ([Link](#))

## Teaching Experience

- 2017 – Lecturer “Labour Economics” in the PSE Master programs (M1 and M2)
- 2010 – 2016 Lecturer “Microeconomics of the firm” in the PSE Master programs
- 2008 - 2011 T.A. Microeconomics and T.A. Applied Microeconomics at Ecole Normale Supérieure (Prof. Daniel Cohen)
- 2004 - 2006 Oral Examiner in Mathematics in a preparatory class in Paris

## Ph.D. Supervision

- 2019 – Simon Loewe (co-supervised with Luc Behaghel).
- 2019 – Kentaro Asai (co-supervised with Akiko Suwa-Eisenmann).
- 2017 – Paolo Santini (co-supervised with Jérôme Bourdieu).

## Scientific and Administrative Responsibilities

- 2018 – Chaire “Femmes et Sciences”, Scientific Committee with Elyès Jouini and Clotilde Napp.
- 2017 – Comité d’évaluation des ordonnances Travail (Pénicaud), expert nommé.
- 2018 – Jury member of the Pôle Emploi prize for best PhD thesis and best book on labor and employment issues.
- 2017 – Conseil d’Unité de l’UMR PJSE, membre nommé.
- 2015 – Advisory Board, Public Policy and Development Master.
- 2015 – Organization of the CEPREMAP external conferences for the Public Policy and Development Master.
- 2016 – 2019 Conseil Supérieur de l’Égalité Professionnelle, personnalité qualifiée

## Research contracts and research grants

- 2019–2020 “Relationships between gender discrimination in hiring and firms’ gender diversity”, PI with Nicolas Jacquemet, Dares research project (€98,300)
- 2018–2020 “Wage inequality among U.S. union employees”, coordinator, Institute of New Economic Thinking (€32,000)
- 2018–2020 “Les représentants du personnel”, coordinator, Dares research project (€46,000)
- 2017–2019 “Causal impact of non-discrimination training”, coordinated by Morgane Laouenan, Dares research project (€90,000)
- 2017–2019 “Inequality at work”, coordinated by Mirna Safi, ANR research grant
- 2017-2018 “Les apports de la mesure des compétences à la compréhension du marché du travail”. PI. Dares research contract (€116,400)

- 2016-2018 “Evaluation of the awareness programme *Pour les Filles et la Science*”, with Julien Grenet, Research contract with Fondation L’Oréal (€145,000).
- 2015-2017 Labour market responses to taxes: a structural approach (PI), with Luke Haywood and Haomin Wang, ANR research grant (€170,000)
- 2013-2014 Les employeurs face aux représentants du personnel : une situation de discrimination stratégique ?, with Jérôme Bourdieu, Dares research contract (€15,000)
- 2012-2015 “The Impact of Social Security Contributions on Earnings: Evidence from administrative data”, with Antoine Bozio (PI) and Julien Grenet, ANR research grant (€260,000)

### Honors, Scholarships, and Fellowships

- 2019 Nominated for best French young economist (*Le Monde* / Cercle des Economistes).
- 2017 - 2021 Prime d’encadrement doctoral et de recherche, CNRS.
- 2011 - 2013 Newton International Postdoctoral Fellowship (by the British Academy).
- 2006 - 2007 Princeton Exchange Fellowship from the Lisa Procter fund.
- 2003 - 2008 Ecole Normale Supérieure, Full Fellowship.

### Selected Conferences, Workshops and Seminars

- 2019 ZEW (Mannheim), SOFI (Stockholm), Université Paris 8, Université de Nantes, Banque de France, Journée de l’Economie (Lyon)
- 2018 DIW Gender Economics workshop (Berlin), University of Padova, Grenoble, Ministry of Labor international Conference ([June](#) and [December](#))
- 2017 Ecole des Mines, CREST, Bristol, Tinbergen Institute
- 2016 Chaire de Sécurisation des Parcours Professionnels (Round Table), Workshop Incidence of Social Security Contribution (IFS-London), Round Table *Loi Travail* (PSE), Round Table *Loi Travail* (AFSE Meeting), Rencontres Économiques (Bercy), Séminaire Emploi (Bercy), OECD external seminar, AMSE-BdF Labor Market Conference.
- 2015 Ghent External Seminar, CREST External Seminar, Ministry of Women’s Right (invited speaker), CEPREMAP workshop “What Place for Unions Today?”
- 2014 Séminaire Fourgeaud, Rencontres d’Aussois, Conférence Dares Relations professionnelles ([Link](#))
- 2012 Inaugural conf. observatory of anti-union discrimination (invited speaker), Conferences: EEA (Malaga), ESPE (Bern)  
Workshop “The future of trade unions” (Mainz), LSE Labour Market workshop.
- 2011 Invited Seminars: Sciences Po Paris, Univ. Paris-East. Conferences: EALE (Cyprus), Linked Employer and Employee Data (Porto).
- 2010 Conference: EALE (UCL), Intern seminars in Paris 1 and PSE.
- 2009 Ministry of Labor research dpt. , PSE Macroeconomic tea break.
- 2008 Conferences: EALE (Amsterdam), AFSE (Paris). Invited seminar: Bank of France.
- 2006 Princeton Labor Lunch seminar.

## Referee activities

*AEJ applied, American Economic Review, B.E. Journal of Economic Analysis and Policy, British Journal of Industrial Relations, Brussels Economic Review, Canadian Journal of Economics, Economics of Education Review, Economie et Statistique, Industrial and Labor Relations Review, IZA Journal of Labor Economics, Journal of Human Capital, Journal of Labor Economics, Labour Economics, , Oxford Economic Papers, Population, Revue Française d’Economie, Science, Structural Change and Economic Dynamics.*

## Some research dissemination in the media

*N.B.: only when my own research is concerned.*

Radio: *France Culture* (12-03-2019), *France Inter* (04-26-2017), *France Culture* (02-19-2017), *France Culture* (06-25-2016), *France Culture* (03-21-2016), *France Info* (03-09-2016), *Radio Campus Paris* (02-24-2016), *France Culture* (01-16-2016)

Press: *Le Monde* (07-25-2019), *Le Monde* (05-13-2019), *Le Monde* (03-20-2018), *Le Monde* (03-09-2018), *Le Monde* (09-29-2017), *Le Monde* (09-22-2017), *Libération* (09-11-2017), *Alternatives Economiques* (09-12-2017), *Le Monde* (07-07-2017), *Le Monde* (06-23-2017), *Slate* (03-19-2017), *La Recherche* (09-19-2016), *Science Mag* (07-29-2016), *Huffington Post* (07-28-2016), *Le Monde* (08-01-2016), *Le Monde* (05-25-2016), *Le Monde* (03-18-2016), *Actuel* (01-11-2016), *L’Opinion* (01-06-2016), *La Tribune* (05-29-2015), *Le Figaro Etudiant* (12-18-2014), *Le Monde-Les Décodeurs* (12-14-2014), *Le Monde* (12-12-2014)

See also at <http://www.parisschoolofeconomics.com/breda-thomas/media.html> for free-access versions of press articles.