

Brice Magdalou

PROFESSOR OF ECONOMICS

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Civil Status. *Birth-Date*: October 06, 1979. *Citizenship*: French. *Marital status*: Married, two childrens.

Positions

2022–2023	Research Professor, CNRS, Aix-Marseille School of Economics (visiting position).
2014 –	Professor of economics (PR1), University of Montpellier, CEE-M.
2008–2014	Assistant Professor of economics (MCF), University of Montpellier (2012-2014) and Antilles-Guyane University (2008-2012).

University Degrees

2014	French national contest for full professorship (Agrégation externe de sciences économiques).
2002–2006	Ph.D. in Economics (Doctorat), Université de Montpellier. Title: A theoretical and experimental contribution to the measurement of inequality. Comittee: T. Gajdos, N. Gravel, P. Moyes, D. Serra, E. Schokkaert and M. Willinger.

Research

Main fields of interest:

(★) Social choice, welfare and inequality, (★) behavioral economics, (★) choice under risk and uncertainty, (★) education, health and environment.

Publications in English:

- Is body weight better distributed among men than among women? (with Bennia F, Gravel N, Moyes P), *Scandinavian Journal of Economics* 124(1), 69-103, 2022.
- A model of social welfare improving transfers, *Journal of Economic Theory* 196, 105318, 2021.
- Ranking distributions of an ordinal variable (with Gravel N, Moyes P), *Economic Theory* 71(1), 33-80, 2021.
- Can shorter transfer chains and transparency reduce embezzlement? (with Di Falco S, Masclet D, Villeval M.C, Willinger M), *Review of Behavioral Economics* 7(2), 103-143, 2020.
- Inequality measurement with an ordinal and continuous variable (with Gravel N, Moyes P), *Social Choice and Welfare* 52(3), 453-475, 2019.
- Income inequality measurement: a fresh look at two old issues, *Social Choice and Welfare* 51(3), 415-435, 2018.
- An Oaxaca decomposition for nonlinear models (with Bazen S, Joutard X), *Journal of Economic and Social Measurement*, 42(2), 101-121, 2017.

- Opportunities in higher education: An application to France (with Jaoul-Grammare M), *Annals of Economics and Statistics*, 111-112, 295-325, 2013.
- The absence of deprivation as a measure of social well-being: An empirical investigation (with Moyes P), *Economics Letters* 116(1), 75-79, 2012.
- Income distributions and decomposable divergence measures (with Nock R), *Journal of Economic Theory* 146(6), 2440-2454, 2011.
- Deprivation, welfare and inequality (with Moyes P), *Social Choice and Welfare* 32(2), 253-273, 2009.

Publications in French:

- Quels déterminants aux préférences pour la redistribution ? *Revue Française d'Économie* 35(1), 51-97, 2020.
- Défauts de coordination au sein de l'élevage de bovidés en Martinique: un test expérimental de terrain (with Angeon V, Célimène F, Logossah K), *Revue d'Économie Régionale et Urbaine* 2013-1, 37-62, 2013.
- Évaluation de la pauvreté en économie: théorie et expérimentation, *Études Caribéennes* 22, 2013.
- Privation et mesure du bien-être social (with Moyes P), *Revue Économique* 58(3), 745-756, 2007.

Refereed Proceedings:

- On tracking portfolios with certainty equivalents on a generalization of Markowitz model: The fool, the wise and the adaptive (with Nock R, Briys E, Nielsen F), *Proceedings of International Conference on Machine Learning* (ICML 2011), 73-80, 2011.

Chapters in collective books:

- Mining matrix data with Bregman matrix divergences for portfolio selection (with Nock R, Briys E, Nielsen F), in F. Nielsen and R. Bathia (Eds.): *Matrix information geometries*, Springer-Verlag, 2012.
- Portfolios, information and geometry: simplex orbis non sufficit, in T. Lagoarde-Segot (Ed.): *After the crisis: Rethinking finance* (with Briys E, Nock R), Nova Science Publishers, New York, 225-244, 2010.

Unpublished or Selected working papers:

- Risk and inequality aversion in social dilemmas, *LAMETA Working Paper*, DR2009-02, 2009 (with Dubois D, Nguyen-Van P).
- Social welfare, inequality and deprivation, *LIS Working Paper* 502, and *Cahier du GREThA* 2008-23, 2008 (with Moyes P).

Reviewer for academic journals:

Annals of Applied Statistics, Annals of Economics and Statistics, Economic Theory Bulletin, Games and Economic Behavior, Canadian Journal of Economics, Econometrics, Economic Journal, Economics Bulletin, Economics and Philosophy, Journal of Behavioral and Experimental Economics, Journal of Economic Behavior and Organization, Journal of Economic Inequality, Journal of Economic Theory, Journal of Mathematical Economics, Journal of Public Economics, Journal of Public Economic Theory, Journal of Risk and Uncertainty, Louvain Economic Review, Mathematical Social Sciences, Quantitative Economics, Research on Economic Inequality, Review of Income and Wealth, Revue d'Economie Politique, Scandinavian Journal of Economics, Social Choice and Welfare, Theoretical Economics, Theory and Decision.

Other refereeing activities:

Agence Nationale de la Recherche (ANR, France), Research Foundation Flanders (FWO, Belgium).

Presentations in workshops and winter schools (since 2010):

- ▶ Workshop on *Challenging inequalities*, Marseille, September 14-16, 2022.
- ▶ Web-Workshop on *Cross-disciplinary persp. on heterogeneities and inequalities* (INRAE), November 2020.
- ▶ Ecole thématique CNRS sur *l'évaluation des politiques publiques* (ETEPP10), Aussois, March 2019.
- ▶ Winter school on *inequality and social welfare theory* (IT14), Alba di Canazei, January 2019.
- ▶ Workshop on *The measurement of ordinal and multidimensional inequalities*, Rennes, June 18-19, 2018.
- ▶ Winter school on *inequality and social welfare theory* (IT13), Alba di Canazei, January 2018.
- ▶ Workshop on *New challenges in the measurement of economic inequalities*, Aix-en-Provence, June 15, 2017.
- ▶ Workshop on *Inequality and social welfare*, Montpellier, November 18, 2016.
- ▶ Workshop on *Multidimensions of inequality*, Marseille, September 22, 2011.
- ▶ Workshop on *Économie expérimentale : développements récents*, Schoelcher, Mars 12, 2010.

Presentations in seminars (since 2010):

- ▶ “Discrete Mathematics, optimisation and decision” seminar of CES, Paris, October 2018.
- ▶ Seminar of GATE, Lyon, March 2017.
- ▶ “Applied economics” seminar of CREM, Rennes, March 2017.
- ▶ Seminar at the University of Verona, department of economics, Verona, March 2015.
- ▶ “Applied economics” seminar of CREM, Rennes, May 2013.
- ▶ Annual meeting of LAMETA, Montpellier, October 2012.
- ▶ Annual meeting of CEREGMIA, Schoelcher, June 2012.
- ▶ “Applied economics” seminar of CREM, Rennes, June 2010.

Presentation in conferences (since 2010):

- ▶ European Meeting of the Econometric Society (EEA-ESEM), Manchester, August 2019.
- ▶ Meeting of the Society for Study of Economic Inequality (ECINEQ), Paris, July 2019.
- ▶ Journées Louis-André Gérard-Varet AMSE, Aix-en-Provence, June 2019.
- ▶ Meeting of the Society for Study of Economic Inequality (ECINEQ), New-York, July 2017.
- ▶ Congrès annuel de l'AFSE, Nice, June 2017.
- ▶ Journées Louis-André Gérard-Varet AMSE, Aix-en-Provence, June 2017.
- ▶ Statistics and demography: the legacy of Corrado Gini, Treviso, September 2015.
- ▶ Meeting of the Society for Study of Economic Inequality (ECINEQ), Luxembourg, July 2015.
- ▶ Meeting of the Society for Study of Economic Inequality (ECINEQ), Bari, July 2013.
- ▶ Congrès annuel de l'AFSE, Marseille, June 2013.
- ▶ Journées Louis-André Gérard-Varet AMSE, Marseille, June 2013.
- ▶ Risk and Choice: A Conference in Honor of Louis Eeckhoudt, Toulouse, July 2012.
- ▶ Meeting of the Society for Study of Economic Inequality (ECINEQ), Catania, July 2011.
- ▶ Journées Louis-André Gérard-Varet AMSE, Marseille, June 2010.
- ▶ Journées de Microéconomie Appliquée (JMA), Angers, June 2010.

Grants and Responsibilities

Financed projects:

- ▶ ANR Project “Can marine protected areas alleviate poverty in the context of land desertification?” (MPA-POVERTY, 2019–2023, €598K), scientific coordinator for CEE-M at the University of Montpellier, project coordinated by D. Mouillot.
- ▶ International Project (France, India, UK, Norway) financed by the EU-India Social Science and Humanities Platform (EqUIP), “Challenging inequalities: An Indo-European perspective” (CHALLINEQ, 2019–2021, €1M), project coordinated by N. Gravel.

- Coordinator of the ANR Project “*The measurement of ordinal and multidimensional inequalities*” (ORDINEQ, 2016–2020, €230K).
- AAP CNRS Attentats-Recherche, “*Identity, cooperation et terrorism*” (2016, €15K).
- Coordinator of the ANR Project “*The preferences for redistribution*” (REDIPREF, 2015–2019, €145K).
- ANR Project “*The multiple dimensions of inequality*” (MULTINEQ, 2011–2015, €239K), scientific coordinator for the University Antilles-Guyane, project coordinated by P. Moyes.

Grants and Scholarships:

- Scientific excellence grant (PES: 2013-2017, PEDR: 2019-2023).
- PhD scholarship, French Ministry of Research (Allocataire de recherche - Moniteur, 2002–2005).

Coordination of research:

- 2018(jan)–2019(dec). Head of the CEE-M (UMR 5211 – CNRS, INRA, UM, SupAgro).
- 2016(nov)–2017(dec). Head of the LAMETA (UMR 5474 – CNRS, INRA, UM, SupAgro, UPV3).
- 2015 and 2016. Coordinator of the LAMETA research team “*Risk, Preferences and Behavior*”.
- 2010–2012. Founder and coordinator of the CEREGMIA working paper series.
- 2008–2012. Coordinator of the CEREGMIA weekly seminar.

Main organizer of conferences and workshops:

- *Challenging inequalities*, Marseille, September 14-16, 2022.
- *New challenges in the measurement of economic inequalities*, Aix-en-Provence, June 14-15, 2017.
- *Inequality and social welfare: preferences, behavior and measurement*, Montpellier, November 17-18, 2016.
- *2nd Conférence de l’Association Française d’Économie Expérimentale*, Schoelcher, May 19-20, 2011.
- Workshop on *Économie expérimentale : développements récents*, Schoelcher, March 11-12, 2010.

Conferences scientific committees:

- *Journées Louis-André Gérard-Varet*–AMSE: since 2016.
- *French Association of Environmental and Resource Economists* (FAERE): 2014.
- *International Doctoral Meeting of Montpellier* (DMM): 2013, 2014, 2018.
- *Association Française d’Économie Expérimentale* (ASFEE): 2011, 2012, 2013.

Hiring committees:

- 2019. *Full Professors*: Université de Montpellier (PR-0014, CEE-M, chair of the committee).
- 2017. *Assistant Professors*: Université Lyon 2 (MCF-4318, GATE).
- 2015. *Full Professors*: Université Aix-Marseille (PR-2745, PR-5493 and PR-10930, GREQAM), Université de Guyane (PR-0022, département droit et sciences économiques). *Assistant Professors*: Université de Montpellier (MCF-0344, LAMETA, chair of the committee), Université Aix-Marseille (MCF-1839 and MCF-2778, GREQAM).
- 2014, 2017, 2018, 2019. *PhD scholarships*: Montpellier doctoral school of economics and management (EDEG, ED231).
- 2013. *Assistant Professors*: Université Aix-Marseille (MCF-0811, Chaire d’excellence AMSE, GREQAM), Université de Montpellier (MCF-0346, LAMETA).

Other administrative/elective activities:

- 2018–. Elected member of the “conseil d’UFR Economie”, University of Montpellier.
- 2016–2019. Nominated members of the following councils / executive committees: Montpellier doctoral school of economics and management (EDEG, ED231), LabEx CeMEB, LabEx Agro, Labex Entreprendre.
- 2015–2017. Elected member of the LAMETA council.
- 2015. Elected member of the “conseil de section” of the UFR Economie, University of Montpellier.

- 2014–2015. Creation and direction with Dimitri Dubois of the “diplôme universitaire” *Connaissances Fondamentales en Informatique et Logiciel Libre* (CFI2L) at the University of Montpellier.
- 2014–2016. Project manager in charge of the professional integration, Montpellier doctoral school of economics and management (EDEG, ED231) and member of the council.
- 2009 and 2010. Chairman of the examination board, L1 economics and management, UFR droit et économie, Univ. Antilles-Guyane.

“Habilitation à Diriger des Recherches” (HDR) supervisions:

- Sébastien Duchêne (Sept. 2021, Associate Prof. at Univ Montpellier).

PhD supervisions:

- Amazigh Ferhati (started in Oct. 2022, co-supervisor: Sébastien Duchêne, Associate Prof. at Montpellier Business School).
- Julia Girard (started in Oct. 2021, co-supervisors: Emmanuelle Lavaine, Associate Prof. at Univ. Montpellier & Antoine Leblois, Tenured Researcher at INRAE).
- Camille Salesse (started in Oct. 2021, co-supervisor: Elvire Guillaud, Associate Prof. at Univ. Paris 1).
- Gaëlle Aymeric (started in Oct. 2018, co-supervisor: Rafael Salas, Prof. at Complutense Univ. of Madrid).
- Bilal el Rafhi (2015-2020, Associate Prof., Univ. Paris 8).

Other supervisions:

- External examiner for HDR defenses: Nicolas Hérault (Oct. 2015, University of Bordeaux).
- External examiner for Ph.D defenses: Marc Dubois (Sept. 2016, Univ. Montpellier, examiner & chair of the committee), May Attallah (Oct. 2017, Univ. Rennes 1, examiner & chair of the committee), Paulo Roberto Santos Casaca (Feb. 2019, Univ. Paris 1, France & Univ. Federal de Minas Gerais, Brazil, referee), Enora Belz (June 2021, Univ. Rennes 1, examiner).
- About 20 Master theses supervised since 2008.

Teaching Experience (since 2010)

2021–2022	Decision under risk and uncertainty (<i>M1, Univ. Montpellier – UM</i>).
2018–2020	Public decision (<i>M2, Aix-Marseille School of Economics</i>).
2016–2022	Behavioral economics (<i>M1, UM</i>), applied microeconomics (<i>L3, UM</i>).
2015–2020	Microeconomics (<i>M1, UM</i>).
2013–2022	Social justice (<i>M2, UM</i>).
2012–2022	Labor economics (<i>L3, UM</i>).
2012–2015	Labor and production microeconomics (<i>L3, UM</i>), game theory (<i>L3, UM</i>), descriptive statistics (<i>L1, UM</i>).
2010–2014	Experimental economics (<i>M2, Univ. Antilles-Guyane (UAG) / IFGCar in Haïti, 08-11</i>).
2010–2013	Industrial organization (<i>M1, UAG</i>).
2010–2012	Microeconomics (<i>L2, UAG</i>), introduction to economic thinking (<i>L1, UAG</i>).
2010–2012	Descriptive statistics (<i>L1, UAG</i>).