

# Nicolas Hérault

*Principal Research Fellow*

Nationality:  
French and Australian

*University of Melbourne*

Melbourne Institute: Applied Economic & Social  
Research

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SSRN: <http://ssrn.com/author=891106>

Repec: <http://econpapers.repec.org/RAS/phr3.htm>

Google Scholar: <http://scholar.google.fr/citations?user=k4joXMoAAAAJ&hl=en&oi=ao>

*(This version: November 2020)*

## Research Interests

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Applied economist with research interests in labour economics, tax and transfer policies, welfare economics, homelessness, development economics, microsimulation modelling and micro-macro modelling.

## Current Positions and Affiliations

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- 2020- **Principal Research Fellow** (Associate Professor), University of Melbourne, Melbourne Institute: Applied Economic & Social Research
- 2017- **Fellow**, Global Labor Organization
- 2014- **Research Fellow**, ARC Life Course Centre

## Past Positions

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- 2014-19 **Senior Research Fellow**, University of Melbourne, Melbourne Institute
- 2011-12 **Senior Economist**, Economic Policy Analysis (ECOPA)
- 2007-14 **Research Fellow**, University of Melbourne, Melbourne Institute

## Education

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- 2015 **HDR** (*Habilitation à Diriger des Recherches*), University of Bordeaux, France. Title: *Public policies and income distribution*
- 2002-06 **Ph.D. in Economics**, University of Bordeaux, France. Title: *Globalisation, Poverty and Inequality: A Computable General Equilibrium Microsimulation Analysis of the Impact of Trade Liberalisation in South Africa*  
Available at: <http://tel.archives-ouvertes.fr/tel-00701648>  
Supervisor: Professor Jean-Pierre Lachaud
- 2000-02 **M.Sc. in Development Economics**, University of Bordeaux, France. Ranked second.
- 1997-00 **B. Sc. in Economics and Finance**, Toulouse School of Economics and University of Bordeaux, France. Obtained with very high honours.

## Publications

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### Peer-reviewed journal articles

[[2019 ABDC ranking](#)]

1. Creedy, J., Gemmell, N., Héroult, N. and Mok, P. (2020) Microsimulation Analysis of Optimal Income Tax Reforms: An Application to New Zealand, *International Tax and Public Finance*, 27(2), 409-434. [B]
2. Héroult, N. and Jenkins, S. P. (2019) How Valid Are Synthetic Panel Estimates of Poverty Dynamics?, *Journal of Economic Inequality*, 17(1), 51-76 ([Open access](#)). [A]
3. Burkhauser, R. V., Héroult, N., Jenkins, S. P. and Wilkins, R. (2018). Top Incomes and Inequality in the UK: Reconciling Estimates from Household Survey and Tax Return Data, *Oxford Economic Papers*, 70(2), 301-326. ([Open access](#)) [A]
4. Burkhauser, R. V., Héroult, N., Jenkins, S. P. and Wilkins, R. (2018). Survey under-coverage of top incomes and estimation of inequality: what is the role of the UK's SPI adjustment?, *Fiscal Studies*, 39(2), 213-240. ([Open access](#)) [B]
5. van de Ven, J., Héroult, N. and Azpitarte, F. (2017). Identifying tax implicit equivalence scales, *Journal of Economic Inequality*, 15, 257-275. [A]
6. Héroult, N. and Ribar, D. (2017). Food Insecurity and Homelessness in the Journeys Home Survey, *Journal of Housing Economics*, 37, 52-66. [A]
7. Cobb-Clark, D.A., Héroult, N., Scutella, R. and Tseng, Y.P. (2016). What Drives How Long People Are Homeless?, *Journal of Urban Economics*, 91, 57-72. [A\*]
8. Héroult, N. (2016). Explaining the equalising effect of panel-income changes, *B.E. Journal of Economic Analysis and Policy*, 16(3), 1599-1609. [A]
9. Héroult, N. and Azpitarte, F. (2016). Understanding Changes in the Distribution and Redistribution of Income: A Unifying Decomposition Framework, *Review of Income and Wealth*, 62(2), 266-282. [A]
10. Héroult, N. and Kalb, G. (2016). Intergenerational Correlation of Labor Market Outcomes, *Review of Economics of the Household*, 14(1), 231-249. [A]
11. Héroult, N. and Johnson, G. (2016). Homelessness in Australia: Service Reform and Research in the 21<sup>st</sup> Century, *European Journal of Homelessness*, 10(3), 127-144. ([Open access](#))
12. Héroult, N., Kalb, G. and Zakirova, R. (2015). A Study into the Persistence of Living in a Jobless Household, *The Economic Record*, 91(293), 209-232. [A]
13. Creedy, J. and Héroult, N. (2015). Decomposing Inequality Changes: Allowing for Leisure in the Evaluation of Tax and Transfer Policy Effects, *Fiscal Studies*, 36(2), 157-180. [B]
14. Héroult, N. and Azpitarte, F. (2015). Recent Trends in Income Redistribution in Australia: Can Changes in the Tax-Benefit System Account for the Decline in Redistribution?, *The Economic Record*, 91(292), 38-53. ([Open access](#)) [A]  
*Winner of the 2015 Economic Record Best Paper Prize.*
15. Héroult, N. and Zakirova, R. (2015) Returns to Education: Accounting for Enrolment and Completion Effects, *Education Economics*, 23(1), 84-100. [B]

16. Buddelmeyer, H., Hérault, N., Kalb, G. and van Zijll de Jong, M. (2012). Linking a Dynamic CGE Model and a Microsimulation Model: Climate Change Mitigation Policies and Income Distribution in Australia, *International Journal of Microsimulation*, 5(2), 40-58. ([Open access](#))
17. Hérault, N., Kostenko, W., Marks, G. and Zakirova, R. (2012). The Effects of Macroeconomic Conditions on the Education and Employment Outcomes of Youth, *Australian Journal of Labour Economics*, 1(15), 17-36. ([Open access](#)) [B]
18. Creedy, J. and Hérault, N. (2012). Welfare-Improving Income Tax Reforms: A Microsimulation Analysis, *Oxford Economic Papers*, 64(1), 128-150. [A]
19. Creedy, J., Hérault, N. and Kalb, G., (2011). Tax Policy Design and The Role of a Tax-Free Threshold, *Public Finance and Management*, 11 (4), 338-364. [B]
20. Creedy, J., Hérault, N. and Kalb, G., (2011). Measuring Welfare Changes in Behavioural Microsimulation Modelling: Accounting for the Random Utility Component, *Journal of Applied Economics*, 14(1), 5-34. ([Open access](#)) [B]
21. Hérault, N. (2010). Sequential Linking of Computable General Equilibrium and Microsimulation Models: A Comparison of Behavioural and Reweighting Techniques, *International Journal of Microsimulation*, 3(1), 35-42. ([Open access](#))
22. Creedy, J., Hérault, N. and Kalb, G., (2009). Abolishing the Tax-Free Threshold in Australia: Simulating Alternative Reforms, *Fiscal Studies*, 30(2), 219-246. [B]
23. Hérault, N. (2007). Trade Liberalisation, Poverty and Inequality in South Africa: A CGE-Microsimulation analysis, *The Economic Record*, 83(262), 317-328. [A]
24. Hérault, N. (2006). Building and Linking a Microsimulation Model to a CGE Model for South Africa, *South African Journal of Economics*, 74(1), 34-58. [B]

#### Published in French peer-reviewed journals

25. Hérault, N. (2009). Les apports de la micro-simulation aux modèles d'équilibre général : application au cas de l'Afrique du Sud [The Contribution of Microsimulation to General-Equilibrium Models: an Application to South Africa] *Economie et Prévision*, 187(1), 123-135.
26. Hérault, N. (2008). L'impact de la libéralisation commerciale sur la pauvreté et les inégalités dans les provinces sud-africaines [The Poverty and Inequality Impacts of Trade Liberalisation across South African Provinces] *Economie Appliquée*, 3, 132-156.

#### Book

Hérault, N. (2016). *Libéralisation commerciale, pauvreté et inégalités en Afrique du Sud* [Trade Liberalisation, Poverty and Inequality in South Africa], Editions Universitaires Européennes, Saarbrücken, 316 p. ([link](#)).

#### Book Chapters

##### *Peer reviewed*

Hérault, N. and Thrulow, J. (2010). South Africa, pp. 331-356 in Anderson, K., Cockburn, J. and Martin, W. (eds), *Agricultural Price Distortions, Inequality and Poverty*, World Bank, Washington D.C. ([link](#)).

## *Other*

Hérault, N. (2009). Labour Supply Modelling in Sequential Computable General Equilibrium-Microsimulation Models, pp. 3-11 in Bailly, R.O. (eds), *Emerging Topics in Macroeconomics*, Nova Science Publishers, New York ([link](#)).

## **Magazine Article**

Pathways to growth: the reform imperative, *Insights*, 16 (November 2014), 5-13 (with Cobb-Clark, D., Broadway, B., Bubonya, M., Buddelmeyer, H., Chigavazira, A., Hahn, M., Jensen, P., Li, J., Marks, G., Peyton, K., Robinson, T., Ryan, C., and Tsiaplias, S.).

## **Working Papers (excluding those published as journal article or book chapter)**

Hérault, N., Vu, H. and Wilkins, R. (2020) [The effect of job search requirements on welfare receipt: Evidence from an Australian welfare reform](#)

Burkhauser, R. V., Hérault, N., Jenkins, S. P. and Wilkins, R. (2020) [What accounts for the rising share of women in the top 1%?](#)

Hérault, N. and Kalb, G. (2020) [Understanding the rising trend in female labour force participation](#).

van de Ven J. and Hérault, N. (2019) [The evolution of tax implicit value judgements, redistribution and income inequality in the UK: 1968 to 2015](#).

## **Research Reports**

1. Hérault, N., Kalb, G. and Guillou, M. (2018), "Re-development of the Household Expenditure Measure (HEM) based on the Household Expenditure Survey 2015/16", Report commissioned by RFi Analytics.
2. Bevitt, A., Chigavazira, A., Hérault, N., Johnson, G., Moschion, J., Scutella, R., Tseng, Y.P., Wooden, M. & Kalb, G. (2015), 'Journeys Home Research Report No. 6 Complete Findings from Waves 1 to 6', Melbourne: Melbourne Institute of Applied Economic and Social Research.
3. Scutella, R., Chigavazira, A., Hérault, N., Killackey, E., Johnson, G., Moschion, J. & Wooden, M. (2014), 'Journeys Home Research Report No. 4 Findings from Waves 1 to 4: Special Topics', Melbourne: Melbourne Institute of Applied Economic and Social Research.
4. Hérault, N., Kalb, G. & van de Ven, J. (2014), 'The feasibility of building an add-on component for the CAPITA model to analyse the impact on labour supply of income support policies', Report commissioned by the Australian Government Department of Education, Employment and Workplace Relations. Melbourne: Melbourne Institute of Applied Economic and Social Research.
5. Hérault, N., Kalb, G. & van de Ven, J. (2013), 'The Effects of Income Support on Incentives to Work', Report commissioned by the Australian Government Department of Education, Employment and Workplace Relations. Melbourne: Melbourne Institute of Applied Economic and Social Research.
6. Casamatta, G., Daagi, M., Giannoni, S., Hérault, N., Maupertuis, M.-A. & Vellutini, C. (2013), 'A computable general equilibrium (CGE) model of the Corsican economy', Report commissioned by the University of Corsica, France. Economic Policy Analysis (ECOPA), France.

7. Herault, N., Ererdem, O. & Vellutini, C. (2012), 'Policy recommendations to improve the tax regime of micro-enterprises in the Ohada region', Report commissioned by the World Bank. Economic Policy Analysis (ECOPA), France.
8. Herault, N. & Vellutini, C. (2012), 'The net fiscal impact of the Economic Partnership Agreement with the European Union in Central Africa', Report commissioned by the European Commission. Economic Policy Analysis (ECOPA), France.
9. Herault, N., Buddlemeyer, H. & Zakirova, R. (2011), 'The effect of VET completion on the wages of young people', Report commissioned by the National Centre for Vocational Education Research. Melbourne: Melbourne Institute of Applied Economic and Social Research.
10. Buddlemeyer, H. & Herault, N. (2010), 'The role of Vocational and Educational Training in preventing the scarring effects of youth joblessness', Report commissioned by the National Centre for Vocational Education Research. Melbourne: Melbourne Institute of Applied Economic and Social Research.
11. Buddlemeyer., H, Herault, N. & Kalb, G. (2010), 'The effects of the changes to the tax and transfer system proposed by the Henry Tax Review', Report commissioned by the Australian Government Department of Education, Employment and Workplace Relations. Melbourne: Melbourne Institute of Applied Economic and Social Research.
12. Herault, N., Kostenko, W., Marks, G. & Zakirova, R. (2009), 'The education and employment outcomes of youth in school-to-work transition', Report commissioned by the Australian Government Department of Education, Employment and Workplace Relations. Melbourne: Melbourne Institute of Applied Economic and Social Research.
13. Herault, N., Kalb, G. & Zakirova, R. (2009), 'Dynamics of household joblessness', Report commissioned by the Australian Government Department of Education, Employment and Workplace Relations. Melbourne: Melbourne Institute of Applied Economic and Social Research.
14. Herault, N., Buddlemeyer, H, Kalb, G & van Zijl de Jong, M (2008), 'The distributional effects of climate change and mitigation policies in Australia', Report commissioned by the Garnaut Climate Change Review. Melbourne: Melbourne Institute of Applied Economic and Social Research.
15. Herault, N & Kalb, G (2008), 'Intergenerational correlation of labour market outcomes in Australia', Report commissioned by the Australian Government Department of Education, Employment and Workplace Relations. Melbourne: Melbourne Institute of Applied Economic and Social Research.
16. Buddlemeyer, H., Herault, N. & Kalb, G. (2008), 'Churn' within the Australian tax and transfer systems of 2003/04 to 2008/09: An analysis using the Melbourne Institute Tax and Transfer Simulator', Report commissioned by The Australian.
17. Buddlemeyer, H., Herault, N. & Kalb, G. (2007), 'An Analysis of the Australian Labor Party's Alternatives for Extensions to the Child Care Benefit and Child Care Tax Rebate Using the Melbourne Institute Tax and Transfer Simulator', Report commissioned by the Australian Labor Party.
18. Herault, N. (2003), 'How Are Globalisation and Poverty Interacting, and What Can Governments Do About It? Conclusions from the OECD conference', Report commissioned by the GRET (Groupe d'Echange et de Recherche Technologiques, Paris, France).

## Academic Conference, Workshop and Seminar Presentations

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### \* Invited presentations

- 1) EALE SOLE AASLE World Conference, Germany 2020 (online)
- 2) Australian Gender Economics Workshop, Australia 2020
- 3) ECINEQ - Society for the Study of Economic Inequality Meeting, Luxembourg 2015, USA 2017 and France 2019
- 4) \* Seminar, CATT, University of Pau and Pays de l'Adour, France, 2018 and 2019
- 5) \* Modelling tax policy and compliance workshop, Exeter, UK, 2019
- 6) \* Seminar, Swinburne University, Australia, 2018
- 7) ESPE – European Society for Population Economics Conference, Denmark 2013, Portugal 2014 and Belgium 2018
- 8) \* Tax-Transfer Microsimulation Models: International Benchmarking Workshop, Victoria University, New Zealand, 2018
- 9) \* Seminar, GREThA/LAREFI, University of Bordeaux, France, 2015, 2016 and 2018
- 10) New directions in microsimulation, NATSEM and Commonwealth Treasury workshop, University of Canberra, Australia, 2018
- 11) ESPRI's Interdisciplinary Seminar Series, Australia, 2018
- 12) \* Monash University, Australia, 2017
- 13) Meeting of the Association for Public Economic Theory, France, 2017
- 14) International Research Meeting in Business and Management, France, 2017
- 15) \* Inequality and Living Standards in the Long Run, Australia, 2017
- 16) Longitudinal Data Conference, Australia, 2016
- 17) European Research Conference on Homelessness, Denmark, 2016
- 18) 22<sup>nd</sup> Panel Data Conference, Australia, 2016
- 19) Australian Labour Market Research Workshop, Australia, 2015
- 20) \* Seminar, Crawford School of Public Policy, Australian National University, Australia, 2015
- 21) General Conference of the International Microsimulation Association, Canada 2009, and Luxembourg 2015
- 22) ENHR – European Network for Housing Research Conference, Portugal 2015
- 23) EALE – European Association of Labour Economists Conference, Italy 2013 and Slovenia 2014
- 24) \* Seminar, GREThA, University of Bordeaux, France, 2008, 2009, 2010, 2013 and 2014
- 25) \* Seminar, LAREFI, University of Bordeaux, France, 2008, 2009, 2013 and 2014
- 26) Workshop on Homelessness and Housing Insecurity, Australia, 2014.
- 27) ACE – Australian Conference of Economists, Australia, 2007 and 2010
- 28) Essex Microsimulation Workshop, UK, 2010
- 29) Congress of the AFSE, France, 2008 and 2010
- 30) \* IZA & OECD workshop, France, 2010
- 31) \* IZA seminar, Germany, 2010
- 32) \* Toulouse School of Economics, France, 2009
- 33) The Economics of Intergenerational Mobility Conference, Australia, 2009
- 34) XXIV AIEL Conference of Labour Economics, Italy, 2009
- 35) \* CIRPÉE, Laval University, Canada, 2009
- 36) EEA – European Economic Association Congress, Italy, 2008
- 37) \* Institute for Employment Research, Germany, 2008
- 38) World Bank Conference on Agricultural Price Distortions, Inequality and Poverty, USA, 2007
- 39) \* Institut de Recherche pour le Développement (IRD), France, 2006
- 40) The next generation: Building a bridge between microsimulation, life-cycle, and macroeconomic models, Australia, 2005



- 41) \* Seminar, Australian National University, Australia, 2005
- 42) Labour Econometrics Workshop, Australia, 2005
- 43) PhD seminar, University of Bordeaux, France, 2004

## Other Presentations

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### Non-Academic presentations

- 1) Economic inequality, Australian Fabians, Melbourne, 2018
- 2) Introducing welfare change metrics in tax-transfer models, New Zealand Treasury, Wellington, New Zealand, 2016
- 3) Evaluation of the net fiscal impact of the Economic Partnership Agreement with the European Union in Central Africa, European Commission, Belgium, 2012
- 4) Evaluation of the net fiscal impact of the Economic Partnership Agreement with the European Union in Central Africa, Ministry of Commerce, Republic of Congo, 2012
- 5) Department of Education, Employment and Workplace Relations (DEEWR), Australia, 2008 and 2009
- 6) Longitudinal Survey of Australian Youth Policy Forum, Australia, 2009

### Academic presentations

- 7) Melbourne Institute Workshop: August 2005, May 2005, September 2007, November 2008, May 2009, July 2010, August 2010, April 2013, June 2014, March 2015, November 2017, March and May 2018, March and August 2019.

## Editorial Responsibilities

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2018- Co-editor, [Australian Economic Review](#)

## Referee Activities (Verified peer-review at: <http://publons.com/a/843017/>)

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53 papers reviewed for a wide range of journals including *Oxford Economic Papers*, *Economic Inquiry*, *Demography*, *World Development*, *Journal of Economic Inequality*, *Review of Income and Wealth*, *Journal of Population Economics* and *The Economic Record*.

## Competitive Grants and Research Projects

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**Faculty Research Grant, University of Melbourne (2018, AU\$17,000):** The effect of job search requirements on welfare receipt: Evidence from a natural experiment.

**Faculty Research Grant, University of Melbourne (2013-14, AU\$15,000):** Decomposing changes in progressivity and redistributive effects, with an application to Australia for the 1995-2010 period.

**The World Bank (2012, US\$90,000):** Policy recommendations to improve the tax regime of micro-enterprises in the OHADA region.

**University of Corsica (2012, €60,000):** Development of a computable general equilibrium (CGE) model of the Corsican economy.

**European Commission (2011-12, €200,000):** Evaluation of the net fiscal impact of the Economic Partnership Agreement with the European Union in Central Africa.

**Faculty Research Grant, University of Melbourne (2011, AU\$15,000):** Decomposing changes in inequality and social welfare, with an application to Australia for the 2000-05 period.

**Early Career Researcher Grant, University of Melbourne (2008, AU\$12,000):** Labour Supply Modelling in CGE-Microsimulation Models.

## Visiting Positions

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GREThA, University of Bordeaux, France: September 2008, September 2009, September 2010, September 2013, September 2014, September 2016, June 2018, June 2019.

Victoria University, New Zealand: March 2018.

Ecole Polytechnique Fédérale de Lausanne, Switzerland : July 2015.

LAREFI, University of Bordeaux, France: September 2014, July to October 2015.

IZA, Germany: February 2010.

CIRPÉE, Laval University, Canada: June 2009.

French Institute of South Africa and Institut de Recherche pour le Développement (IRD), Johannesburg, South Africa: April to June 2003.

## Consultancies

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**2019- present New South Wales government, Australia:** Evaluation of a set of NSW Government's policies which aims to transform the state's social housing system.

**2016- present Perpetual (formerly RFi Group, Australia):** Production of the quarterly updates of the Household Expenditure Measures (HEM).

**2018- present Australian Commonwealth Treasury:** Joint project with the Commonwealth Treasury designed to impute expenditure data onto the Treasury's tax and transfer microsimulation model to allow for simulation of indirect tax reforms.

**2018 Perpetual (Australia):** Development and update of the Household Expenditure Measures (HEM).

**2017 Perpetual (Australia):** Extension of the Household Expenditure Measures (HEM).

**2016 New Zealand Treasury:** Building a module to allow the computation of welfare changes in the New Zealand Treasury's microsimulation model.

**2008-14 Department of Education, Employment and Workplace Relations (Australia):** 6 projects, each running over 12 months (Research Reports 3, 4, 10, 11, 12 and 14).

**2013 New Zealand Treasury:** Providing assistance in the estimation of the structural labour supply models underlying the New Zealand Treasury's microsimulation model.

**2010-11 National Centre for Vocational Education Research (Australia):** 2 projects, each running over 12 months (see Research Reports 8 and 9).

**2008 The Australian newspaper:** Project designed to investigate recent changes in the Australian tax and transfer system. This report was used as base for a newspaper article in The Australian in 2008 (Research Report 15).

**2008 Garnaut Climate Change Review (Australia):** A 6-month project to assess the distributional effects of climate change and mitigation policies in Australia. The Garnaut Review was commissioned by the Australian government (Research Report 13).

**2007 Australian Labor Party (ALP):** Project to assess the ALP's alternatives for extensions to the child care benefit and child care tax rebate (Research Report 16).

**2003 Groupe d'échange et de recherche technologiques (France):** Lead investigator on a report on the OECD conference entitled "How Are Globalisation and Poverty Interacting, and What Can Governments Do About It?" (Research Report 17).



## PhD Supervision

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Advisor, Matthew Cantele, University of Melbourne, “Biodiversity futures in a globalising world: SSP integration and elaboration within a large multidimensional Computable General Equilibrium model”, Ph.D. started in 2018.

Co-supervisor, Somvang Phimmavong, University of Melbourne, “Forest Plantation Development, Poverty, and Inequality in Laos: A Dynamic CGE Microsimulation Analysis”. Ph.D. completed in December 2012.

## Teaching

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### Lecturer

- 2018, 2019      [Introductory Econometrics](#), BSc in Economics (Year 2), University of Melbourne
- 2016              [Managerial Economics](#), Master of Enterprise, Melbourne Business School, University of Melbourne

### Guest lectures

- 2020              [Inequalities: Causes and Consequences](#), Undergraduate university breadth subject
- 2018, 2020      Master of Public Policy and Management and Master of Social Policy, University of Melbourne
- 2007-06          Master of Development Economics, University of Bordeaux

**Tutoring**, BSc in Economics, University of Bordeaux:

- 2005-06          General economic issues (30 hours); Microeconomics
- 2004-05          Monetary economics
- 2003-04          Monetary economics
- 2002-03          Mathematics

## Other Professional Service

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- 2020-              Melbourne Institute representative, Faculty Research and Industry Committee
- 2014-20          Melbourne Institute representative, Faculty Staff Diversity and Inclusion Committee
- 2018              Member, Melbourne Institute Seminars, Professional Development and Social Committee
- 2018              Organiser, Melbourne Institute brown bag seminars
- 2017              Member, Faculty Content Advisory Committee
- 2011              Organiser, Melbourne Institute & Economics Department Microeconometrics workshop