

# Nicolas Hérault

Nationality:  
French and Australian

## *Senior Research Fellow*

### *University of Melbourne*

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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>

## RESEARCH INTERESTS

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I am an applied economist with research interests in labour economics, public economics and development economics. I have extensive experience in econometric, microsimulation and micro-macro modelling and in the use of micro-data.

## PROFESSIONAL EXPERIENCE

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**Senior Research Fellow**, Melbourne Institute of Applied Economic and Social Research, University of Melbourne, **Sep. 2014-present**.

**Research Fellow**, Melbourne Institute of Applied Economic and Social Research, University of Melbourne, **Mar. 2007-Aug. 2014** (on sabbatical from May 2011 to November 2012).

**Senior Economist**, Economic Policy Analysis (ECOPA), **Jun. 2011-Sep. 2012**

Responsible for the Trade and Tax Policy division. Undertaking commissioned research for the World Bank and the European Commission.

## EDUCATION

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- 2015**            **HDR** (*Habilitation à Diriger des Recherches*), University of Bordeaux, France.  
*Title*: "Public policies and income distribution".
- 2002-2006**    **Ph.D. in Economics**, University of Bordeaux, France. *Thesis*: "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, University of Bordeaux
- 2000-2002**    **M.Sc. in Development Economics**, University of Bordeaux, France. Ranked second. Thesis: Globalisation, Poverty and Inequality.
- 1997-2000**    **B. Sc. in Economics and Finance**, Toulouse School of Economics and University of Bordeaux, France.

## PUBLICATIONS

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### Peer-reviewed journal articles

#### Forthcoming

1. Burkhauser, R. V., Héroult, N., Jenkins, S. P. and Wilkins, R. (2017). Top Incomes and Inequality in the UK: Reconciling Estimates from Household Survey and Tax Return Data, *Oxford Economic Papers*.
2. Burkhauser, R. V., Héroult, N., Jenkins, S. P. and Wilkins, R. (2017). Survey under-coverage of top incomes and estimation of inequality: what is the role of the UK's SPI adjustment?, *Fiscal Studies*.

#### Published

3. van de Ven, J., Héroult, N. and Azpitarte, F. (2017). Identifying tax implicit equivalence scales, *Journal of Economic Inequality*, 15, 257-275.
4. Héroult, N. and Ribar, D. (2017). Food Insecurity and Homelessness in the Journeys Home Survey, *Journal of Housing Economics*, 37, 52-66.
5. Héroult, N. (2016). Explaining the equalising effect of panel-income changes, *B.E. Journal of Economic Analysis and Policy*, 16(3), 1599-1609.
6. 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.
7. 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.
8. Héroult, N. and Kalb, G. (2016). Intergenerational Correlation of Labor Market Outcomes, *Review of Economics of the Household*, 14(1), 231-249.
9. 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.
10. 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.
11. 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.
12. 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.  
*Winner of the 2015 Economic Record Best Paper Prize.*
13. Héroult, N. and Zakirova, R. (2015) Returns to Education: Accounting for Enrolment and Completion Effects, *Education Economics*, 23(1), 84-100.
14. Buddelmeyer, H., Héroult, 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.
15. Héroult, 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.
16. Creedy, J. and Héroult, N. (2012). Welfare-Improving Income Tax Reforms: A Microsimulation Analysis, *Oxford Economic Papers*, 64(1), 128-150.
17. Creedy, J., Héroult, N. and Kalb, G., (2011). Tax Policy Design and The Role of a Tax-Free Threshold, *Public Finance and Management*, 11 (4), 338-364.

18. Creedy, J., Héroult, 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.
19. Héroult, 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.
20. Creedy, J., Héroult, N. and Kalb, G., (2009). Abolishing the Tax-Free Threshold in Australia: Simulating Alternative Reforms, *Fiscal Studies*, 30(2), 219-246.
21. Héroult, N. (2007). Trade Liberalisation, Poverty and Inequality in South Africa: A CGE-Microsimulation analysis, *The Economic Record*, 83(262), 317-328.
22. Héroult, N. (2006). Building and Linking a Microsimulation Model to a CGE Model for South Africa, *South African Journal of Economics*, 74(1), 34-58.

#### Published in French peer-reviewed journals

23. Héroult, 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.
24. Héroult, 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

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

#### Book Chapters

##### Peer reviewed

26. 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. (with J. Thurlow) (2010) ([link](#)).

##### Other

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

#### Magazine Article

28. 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.) ([link](#)).

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

- A. Un modèle d'équilibre général calculable pour évaluer les effets de l'ouverture au commerce international : le cas de l'Afrique du Sud [The Impact of Trade Liberalization on South Africa: An Analysis with a Computable General Equilibrium Model] ([Pdf file](#)).

- B. Mondialisation et pauvreté : les faiblesses des modèles d'équilibre général calculables  
[Globalization and Poverty: The Limitations of Computable General Equilibrium Models]  
([Pdf file](#)).

## **ACADEMIC CONFERENCE/WORKSHOP PRESENTATIONS**

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- 1) ECINEQ - Society for the Study of Economic Inequality Meeting, USA 2017 and Luxembourg 2015.
- 2) 18<sup>th</sup> meeting of the Association for Public Economic Theory, France, 2017.
- 3) 8<sup>th</sup> International Research Meeting in Business and Management, France, 2017.
- 4) Inequality and Living Standards in the Long Run, Australia, 2017.
- 5) Longitudinal Data Conference, Australia, 2016.
- 6) European Research Conference on Homelessness, Denmark, 2016.
- 7) 22<sup>nd</sup> Panel Data Conference, Australia, 2016.
- 8) Australian Labour Market Research Workshop, Australia, 2015.
- 9) General Conference of the International Microsimulation Association, Canada 2009, and Luxembourg 2015.
- 10) ENHR – European Network for Housing Research Conference, Portugal 2015.
- 11) EALE – European Association of Labour Economists Conference, Italy 2013 and Slovenia 2014.
- 12) ESPE – European Society for Population Economics Conference, Denmark 2013 and Portugal 2014.
- 13) Workshop on Homelessness and Housing Insecurity, Australia, 2014.
- 14) ACE – Australian Conference of Economists, Australia, 2007 and 2010.
- 15) 1<sup>st</sup> Essex Microsimulation Workshop, UK, 2010.
- 16) Congress of the AFSE, France, 2008 and 2010.
- 17) IZA/OECD Workshop, France, 2010.
- 18) The Economics of Intergenerational Mobility Conference, Australia, 2009.
- 19) XXIV AIEL Conference of Labour Economics, Italy, 2009.
- 20) EEA – European Economic Association Congress, Italy, 2008.
- 21) World Bank Conference on Agricultural Price Distortions, Inequality and Poverty, USA, 2007.
- 22) The next generation: Building a bridge between microsimulation, life-cycle, and macroeconomic models, Australia, 2005.
- 23) Labour Econometrics Workshop, Australia, 2005.
- 24) PhD seminar, University of Bordeaux, France, 2004.

## **INVITED SEMINAR/WORKSHOP PRESENTATIONS**

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- 1) GREThA/LAREFI, University of Bordeaux, France, 2015 and 2016.
- 2) Crawford School of Public Policy, Australian National University, Australia, 2015.
- 3) GREThA, University of Bordeaux, France, 2008, 2009, 2010, 2013 and 2014.
- 4) LAREFI, University of Bordeaux, France, 2008, 2009, 2013 and 2014.
- 5) IZA, Germany, 2010.
- 6) Toulouse School of Economics, France, 2009.
- 7) CIRPÉE, Laval University, Canada, 2009.
- 8) Institute for Employment Research, Germany, 2008.
- 9) Institut de Recherche pour le Développement (IRD), France, 2006.
- 10) Australian National University, Australia, 2005.

## **OTHER PRESENTATIONS**

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### **Non-Academic presentations**

- 1) "Introducing welfare change metrics in tax-transfer models", New Zealand Treasury, Wellington, New Zealand, 2016.
- 2) "Evaluation of the net fiscal impact of the Economic Partnership Agreement with the European Union in Central Africa", European Commission, Belgium, 2012.
- 3) "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.

- 4) Department of Education, Employment and Workplace Relations (DEEWR), Australia, 2008 and 2009.
- 5) Longitudinal Survey of Australian Youth Policy Forum, Australia, 2009.

#### Academic presentations

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

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

*African Journal of Political Science and International Relations (2011), Australian Economic Review (2009, 2017), Australian Journal of Labour Economics (2014), Australian Journal of Social Issues (2016), Cahiers Agricultures (2011), Canadian Journal of Development Studies (2013, 2014), Economic Modelling (2006, 2016), Education Economics (2016), Educational Research (2012), Higher Education (2015), International Journal of Microsimulation (2006, 2011, 2015), Journal of African Economies (2015), Journal of Applied Economics (2007), Journal of Economic Inequality (2015, 2016), Louvain Economic Review (2009), New Zealand Treasury Working Papers (2012, 2015, 2017), Oxford Economic Papers (2016), Public Finance and Management (2017), Research in Labor Economics (2010), Review of Economics of the Household (2015), Revue d'Economie Politique (2012), The B.E. Journal of Macroeconomics (2016), The Economic Record (2010, 2015, 2016), World Development (2016).*

#### SCHOLARSHIPS AND AWARDS

**Best Paper Prize (2016):** the Economic Society of Australia awarded the 2015 best paper prize for an article in the *Economic Record* to Nicolas Héroult and Francisco Azpitarte for their paper "Recent Trends in Income Redistribution in Australia: Can Changes in the Tax-Benefit System Account for the Decline in Redistribution?".

**Doctoral Research fellowship (2002-05)**, French Ministry of Education, Research and Technology.

**Postgraduate scholarship (2001-02)** for a Master program, French Ministry of Education, Research and Technology.

#### COMPETITIVE GRANTS AND RESEARCH PROJECTS

##### As lead investigator:

**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".

##### As research fellow:

**Australian Research Council Discovery Grant (2015-17, AU\$350,000):** Income inequality and mobility in Australia, the UK and the US.

**Australian Research Council Discovery Grant (2007-09, AU\$350,000):** The effects of the tax and social security system on labour supply and social welfare.

## VISITING POSITIONS

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2016, September: GREThA, University of Bordeaux.  
2015, July to October: LAREFI, University of Bordeaux.  
2015, July: Ecole Polytechnique Fédérale de Lausanne, Switzerland.  
2014, September: GREThA and LAREFI, University of Bordeaux.  
2013, September: GREThA, University of Bordeaux.  
2010, September: GREThA, University of Bordeaux.  
2010, February: IZA, Bonn, Germany.  
2009, September: GREThA, University of Bordeaux.  
2009, June: CIRPÉE, Laval University, Québec, Canada.  
2008, September: GREThA, University of Bordeaux.  
2003, April to June: French Institute of South Africa and Institut de Recherche pour le Développement (IRD), Johannesburg, South Africa.

## COMMISSIONED RESEARCH

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### Projects flowing from long-term research contracts

#### **Department of Education, Employment and Workplace Relations (DEEWR, Australia)**

- 1- The effects of macroeconomic conditions on the education and employment outcomes of youths in school-to-work transition (2009, [Pdf file](#)).
- 2- Intergenerational correlation of labour market outcomes in Australia (2008, [Pdf file](#)).
- 3- Dynamics of household joblessness (2009, [Pdf file](#)).
- 4- Project designed to examine the effects of the changes to the tax and transfer system proposed by the Henry Tax Review (2010).
- 5- The Effects of Income Support on Incentives to Work (2013, [Pdf file](#)).
- 6- The feasibility of building an add-on component for the CAPITA model to analyse the impact on labour supply of income support policies (2014).

#### **National Centre for Vocational Education Research (NCVER, Australia)**

- 1- The role of Vocational and Educational Training in preventing the scarring effects of youth joblessness (2010, [Pdf file](#)).
- 2- The effect of Vocational and Educational Training completion on the wages of young people (2011, [Pdf file](#)).

#### **Journeys Home (Australia)**

- 1- The Duration of Homelessness (Journeys Home Research Report No. 4 - August 2014, Chapter 3, [Pdf file](#)).
- 2- Journeys Home Research Report No. 6 - May 2015, [Pdf file](#).

#### **RFi Group (Consortium of Australian Banks)**

Production of household expenditure measures, quarterly updates since Q1 2016.

### Short-term consultancies

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

**New Zealand Treasury (2013):** Providing assistance in the estimation of labour supply models.

**The World Bank (2007-10):** The Impact of Agricultural Price Distortions on Poverty and Inequality in South Africa.

**The Australian newspaper (2008):** Project designed to investigate recent changes in the Australian tax and transfer system.

**Garnaut Climate Change Review (2008):** Project designed to analyse the distributional effects of climate change and mitigation policies in Australia ([Pdf file](#)).

**Australian Labor Party (ALP, 2007):** Evaluation of the Australian Labor Party's alternatives for extensions to the child care benefit and child care tax rebate.

**Groupe d'échange et de recherche technologiques (GRET, France, 2003):** Reporting on the OECD conference entitled "How Are Globalisation and Poverty Interacting, and What Can Governments Do About It?".

## PHD STUDENT SUPERVISION

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Somvang Phimmavong: "Forest Plantation Development, Poverty, and Inequality in Laos: A Dynamic CGE Microsimulation Analysis", Co-supervisor with Rod Keenan, Barbara Ozarska and Ian Ferguson. Ph.D. completed in December 2012.

## TEACHING EXPERIENCE

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**Lecturer**, Master of Enterprise, Melbourne Business School, University of Melbourne:  
2016                      Managerial Economics

**Master's seminars**, Master of Development Economics, University of Bordeaux, 2007 & 2006

**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