

Carol Newman

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Research Interests: Development Economics, Applied Microeconomics, Household Behaviour, Empirical Industrial Organisation, Agricultural Economics

Academic Positions

Professor in Economics, Department of Economics, Trinity College Dublin. September 2002 to present. (Promoted to Professor in Economics September 2016)

Research Associate, Institute for International Integration Studies, Trinity College Dublin. September 2002 to present.

Research Fellow, Department of Economics, Trinity College Dublin. October 2001 to September 2002.

Part-Time Lecturer, Department of Economics, Trinity College Dublin. October 2001 to September 2002.

Visiting Researcher

Visiting Professor, Department of Economics, University of Copenhagen, 2013-2014

Visiting Scholar, Graduate School of Business, University of Chicago, USA. January to June 2007

Visiting Scholar, Department of Economics, University of Copenhagen, Denmark. September to December 2006

Education

Ph.D. in Economics, September 2001, Trinity College Dublin.

B.A. (Mod.) in Economics, October 1998, Trinity College Dublin, First Class Honours.

Academic Posts

Co-founder Trinity Impact Evaluation Unit (TIME) www.tcd.ie/economics/time (2015)

Chair of Trinity International Development Initiative (December 2016 to present)

Champion of International Development Research Theme, Trinity College Dublin (July 2012 to present)

Director of Research, School of Social Sciences and Philosophy, Trinity College Dublin (September 2015 to present; January 2008 to August 2010; September 2012 to April 2013)

Director of the Institute for International Integration Studies, Trinity College Dublin (September 2014 to April 2015)

Director M.Sc. in Economics, Trinity College Dublin (September 2007 to August 2013)

Trinity Centre for Biodiversity Research Steering Committee (December 2008 to August 2012)

College Tutor (October 2007 to August 2012)

Force on International Student Recruitment (March 2010)

College Quality Committee (2008-2009)

Faculty Socrates Co-ordinators Committee (2002-2006)

Faculty European Credit Transfer System Working Group Committee (2004)

Awards and Distinctions

Fellow of Trinity College Dublin – elected to Fellowship April 2013

Provost Teaching Award 2012 – Awarded Certificate of Special Commendation

Irish representative *European Next-Generation Leaders Visit Korea Program 2012*

Teagasc Young Researcher of the Year Award, 2001

National Food Centre Young Researcher of the Year Award, 2000

Agricultural Economics Society of Ireland Young Researcher of the Year Award, 2000

Awarded Walsh Fellowship by Teagasc for Ph.D. research, 1998-2001

Awarded Trinity Postgraduate Award, 1998

Professional Activities

Presenter at African Economic Research Consortium (AERC) nineteenth Senior Policy Seminar on March 13-14, 2017 in Abidjan, Cote d'Ivoire on "Industrialization in Africa."

Resource person for African Economic Research Consortium (2016-present)

Consultant to UNU-WIDER, Helsinki, Finland. (2010-present)

Consultant to the World Bank. (October 2013-present)

Evaluator for Swedish Research Council, Humanities, Social and Behavioural Sciences (2014-present)

Programme Committee for the European Economics Association Conference 2012 and the European Association of Agricultural Economics Seminar 2012.

Committee member of the Royal Irish Academy Social Sciences Committee

External Examining: PhD candidates at the University of Cambridge, the University of Copenhagen and National University of Ireland Galway.

Irish Research Council for the Humanities and Social Sciences (IRCHSS) Postgraduate Renewals committee (2009 to 2013)

Board member of the Irish Social Science Data Archive and official Representative for TCD on the Inter-University Consortium for Political and Social Research (2004 to present).

Refereeing: *Journal of Political Economy*, *Oxford Bulletin of Economics and Statistics*, *Journal of Development Studies*, *American Journal of Agricultural Economics*, *European Review of Agricultural Economics*, *Southern Economic Journal*, *Journal of Applied Economics*, *Economics of Education Review*, *Journal of Economic Psychology*, *Canadian Journal of Agricultural Economics*, *Geoforum*, *Economic and Social Review*, *Agricultural Economics*, *Economic Issues*, *Asia Pacific Management Review*, *African Journal of Agricultural Research*, *Applied Economic Perspectives and Policy*, *Food Quality and Preference*, *Sustainable Science*.

Teaching Experience

<u>Course Title</u>	<u>Level</u>	<u>Students per year</u>	<u>Year</u>
Development Economics	PhD	15	2014-present
Advanced Microeconometrics	PhD	15	2014-present
Econometrics	Year 3 UG	90	2007-present
Econometrics	MSc Econ	25	2004-present
Econometrics	MSc Econ	25	2004-present
Econometrics	MSc Econ	25	2004-present
Research Topics	MSc Econ	25	2007-2013
Mathematics for Economics	Year 1 UG	400	2007-2013
Economic Policy Analysis	MDP*	25	2011-2013
Gender and Development	MDP*	25	2012-2013
The Economy of Ireland	Year 2 UG	250	2002-2006
Statistics for Economics	Year 2 UG	250	2005-2006
Welfare Economics	Year 3 UG	80	2003-2006

*MDP: Masters in Development Practice

Graduate Supervision

Completed PhDs:

[1] Van Le Han, "Essays on Foreign Direct Investment in Developing Countries". July 2018

[2] Mengyang Zhang, "Essays in Development Economics", March 2017

[3] Christina Kinghan, "Understanding the Foundations of Micro-Enterprise Growth and Expansion – A Development Perspective". March 2017

[4] Ani Vardanyan, "Essays in Industrial Organisation and Development Economics." December 2015

[5] Emma Howard, "Spatial Networks, Clustering and Spillovers: Lessons for Development." December 2012

- [6] Conor O'Toole, "International Perspectives on Investment and Financing Constraints: Microeconomic Evidence." December 2012
- [7] Fiona Wainwright, "Essays in Applied Microeconomics and Development. Income Risk, Income Shocks and Household Financial Decisions: Evidence from rural Vietnam." December 2012
- [8] Michael King, "Access to Financial Services in Developing Countries." March 2012 (Joint supervisor with Patrick Honohan)
- [9] Andrius Kazukauskas, "Structural Changes in Agriculture: A Critical Analysis of Common Agricultural Policy Reforms." July 2011
- [10] Marta Zieba, "Estimation of Production and Demand Functions for German, Austrian and Swiss Non-Profit Theatres." March 2008 (Joint supervisor with John O'Hagan)
- [11] Antonio Pedro Crespo Martins, "The State, the Performing Arts and the Taxpayer: Applied Econometric Essays on the German Cultural Sector." October 2007 (Joint supervisor with John O'Hagan)
- [12] Conor Keelan, "An Econometric Analysis of Irish Household's Food Away from Home Expenditure Patterns, 1994-2000." October 2007

PhDs currently under supervision:

- [13] Margaryta Klymak, "Essays in Development Economics". Commenced September 2014
- [14] Luciano Ayala-Cantu, "Essays in Development Economics". Commenced September 2015
- [15] Friedrich Kreuser, "Essays in Applied Economics". Commenced September 2017.

Masters student supervision: 25+ between 2003 and 2017

Major Grants

June 2018-June 2021 "Constructing Africa's cities: Measuring and enhancing construction worker welfare in Dakar" ieConnect/i2i DIME World Bank. Funding for pilot phase: 150,000. Role: co-PI.

October 2017-September 2020 "Site-specific Agronomic Information, Technology Adoption and Farm Productivity: A Field Experiment in Sub Saharan Africa" Marie Skłodowska-Curie Actions COFUND CAROLINE International Fellowship Programme. Budget: €205,120.

October 2017-September 2020 "Joint Research and Technical Support and Training between the National Centre for Information Forecasting, Hanoi and Trinity College Dublin". Budget €89,556

June 2017-May 2022 "Trinity IMPact Evaluation Unit Annual Workshop and Summer School." Budget: €200,000

January 2016-December 2017 "Gender disparities and disability: Identifying barriers for inclusion specific to girls with disabilities in Togo." Budget: €83,297

2008-present TCD-Copenhagen Collaboration on research related to economic development in Vietnam. Budget: €422,709

October 2012-September 2015 "Nutrition and Treatment Outcome: Development of a Ugandan-Irish HIV/Nutrition Research Cluster (NOURISH)" Irish Aid. Budget: €1,300,000

October 2012-March 2011 Research Stimulus Fund 2007 of the Department of Agriculture and Food. Budget: €498,015

April 2006-October 2008 Research Stimulus Fund 2005 of the Department of Agriculture and Food. Budget: €175,432

April 2009- March 2012 Teagasc Walsh Fellowship: Funding for research graduate student. Budget €63,000 (

October 2008- October 2010 Teagasc Walsh Fellowship: Funding for research graduate student. Budget €42,000

October 2003- October 2006 Teagasc Walsh Fellowship: Funding for research graduate student. Budget €51,000 per annum

Current research projects

Randomized Controlled Trials:

Leaving no-one behind: using role models to inspire enterprise activity among ethnic minority households in rural Vietnam (2017-2018): This project explores whether shifting mind-sets and

aspirations through role models can lead to more enterprise activity among ethnic minorities in Vietnam. The study uses a randomized controlled trial to test whether documentary videos, which tell the story of a successful ethnic minority entrepreneurs who managed to lift their households out of poverty through enterprise activities, inspires others in similar circumstances to do the same.

Site-specific Agronomic Information, Technology Adoption and Farm Productivity: A Field Experiment in Sub Saharan Africa (2017-2020): Design and implementation of a randomized controlled trial of the impact of site specific fertilizer on agricultural productivity. The study also explores the impact of information provision, the provision of credit and insurance against negative shocks on productivity.

NOURISH (2012-2015): Design and implementation of a randomized controlled trial of a range of nutrition and empowerment interventions in HIV clinics in Uganda aimed at changing the behaviour of women living with HIV in relation to nutrition.

See: <http://www.tcd.ie/Economics/research/time/projects/inspiring-women.php>
and <http://www.tcd.ie/Economics/research/time/projects/nutrition-hiv.php>

So fresh and so clean: urban community engagement to keep streets trash-free and improve the sustainability of drainage infrastructure (2013-2016). Randomized controlled trial of different methods of increasing community engagement in the adaptation to and prevention of flood risks. The study takes place in the context of the World Bank-assisted Stormwater Management and Climate Change Adaptation Project (PROGEP) in Dakar, Senegal.

See: <http://www.tcd.ie/Economics/research/time/projects/fresh-clean.php>

Other projects:

Economic Transformation in South Africa (2014-2020): Initiative to consolidate all firm level micro-data available in South Africa previously unavailable to the public with the aim of understanding the factors underpinning the expansion of high productivity firms in South Africa and in developing countries more generally. Collaborative project with UNU-WIDER, the National Treasury of the Republic of South Africa and the South African Revenue Service.

Vietnam Programme (2008-2016): Design and implementation of the Vietnamese Access to Resources Household Survey 2006-2008-2010-2012-2014 and Technology and Competitiveness module of Vietnam Enterprise Survey 2009-2014. Collaborative project with the University of Copenhagen.

See: <http://www.econ.ku.dk/derg/links/vietnam/>

Learning to Compete: Accelerating Industrial Development in Africa (2010-2014). Gathering of primary and secondary data in 11 African and 2 Asian countries. Principal Advisor to local teams in Cambodia, Uganda and Nigeria. Collaborative project between UNU-WIDER, Brookings Institution, and African Development Bank.

See: http://www.wider.unu.edu/research/current-programme/en_GB/L2C-2010/

Publications

Published articles in international peer-reviewed journals:

- [1] Newman, C., Page, J., Rand, J., Shimeles, A., Söderbom, M. and Tarp, F. (Forthcoming) "Linked in by FDI: The role of firm level relationships for knowledge transfers in Africa and Asia." *Journal of Development Studies*.
- [2] Newman, C., Rand, J., Tarp, F. and Trivkovic, N. (2018) "The transmission of socially responsible behaviour through international trade." *European Economic Review*, 101, 250-267.
- [3] Kreuser, C.F. and Newman, C. (2018) "Total Factor Productivity in South African Manufacturing Firms." *South African Journal of Economics*, 86-S1; 40-78.
- [4] O'Toole, C. and Newman, C. (2017) "Investment Financing and Financial Development: Firm Level Evidence from Vietnam." *Review of Finance*, 21(4), 1639-1674.

- [5] Newman, C., Rand, J., Tarp, F. and Tue Anh. (2016) 'Exporting and Productivity: Learning from Vietnam.' *Journal of African Economies*, 26(1), pp. 67-92.
- [6] Cruz, A., Newman, C., Rand, J. and Tarp, F. (2016) 'Learning by Exporting: The Case of Mozambican Manufacturing.' *Journal of African Economies*, 26(1), pp. 93-118.
- [7] Howard, E., Newman, C. and Tarp, F. (2015) 'Measuring Industry Agglomeration and Identifying the Driving Forces.' *Journal of Economic Geography*, 165(5), pp. 1055-1078.
- [8] Newman, C., Rand, J., Talbot, T. and Tarp, F. (2015) 'Technology Transfers, Foreign Investment and Productivity Spillovers.' *European Economic Review*, 76, pp. 168-187.
- [9] Newman, C., Tarp, F. and van den Broeck, K. (2015) 'Property Rights and Productivity: The Case of Joint Titling in Vietnam.' *Land Economics*, 91(1), pp. 91-105.
- [10] Newman, C., Tarp, F. and van den Broeck, K. (2014) 'Social Capital, Network Effects and Savings in Rural Vietnam.' *Review of Income and Wealth*, 60(1), pp. 79-99.
- [11] Kazukauskas, A., Newman, C. and Sauer, J. (2014) 'The Impact of Decoupled Subsidies on Productivity in Agriculture; A Cross-country Analysis using Microdata.' *Agricultural Economics*, 45(3), pp. 327-336.
- [12] O'Toole, C., Newman, C. and Hennessy, T., (2014) 'The Role of Financing Constraints in Agricultural Investment Decisions Since the Irish Financial Crisis.' *Journal of Agricultural Economics*, 65(1), pp. 152-176.
- [13] Newman, C., Rand, J. and Tarp, F. (2013) 'Industry Switching in Developing Countries.' *World Bank Economic Review*, 27(2), pp. 357-388.
- [14] Kazukauskas, A., Newman, C., Clancy, D. and Sauer, J. (2013) 'Disinvestment, Farm Size and Gradual Farm Exit: The Impact of Subsidy Decoupling in a European Context.' *American Journal of Agricultural Economics*, 95(5), pp. 1068-1087.
- [15] Lapple, D., Hennessy, T. and Newman, C. (2013) 'Quantifying the Economic Return to Participatory Extension Programmes in Ireland: An Endogenous Switching Regression Analysis.' *Journal of Agricultural Economics*, 65(2), pp. 467-482.
- [16] Zieba, M. and Newman, C. (2013) 'Organisational Structure and Managerial Efficiency: A quasi-experimental analysis of German public theatres.' *Homo Oeconomicus*, 29(4) pp 497-534.
- [17] Carroll, J., Newman, C. and Thorne, F. (2011) 'A Comparison of Stochastic Frontier Approaches for Estimating Technical Efficiency and Total Factor Productivity.' *Applied Economics*, 43(27) pp. 4007-4020.
- [18] Kazukauskas, A., Newman, C. and Thorne, F. (2010) 'Analysing the effect of decoupling on agricultural production: Evidence from Irish dairy farms using the Olley and Pakes approach.' *German Journal of Agricultural Economics*, 59(3) pp. 144-157.
- [19] Keelan, C., Newman, C. and Henschion, M. (2009) 'A Double-Hurdle Model of Irish Household's Foodservice Expenditure Patterns.' *Journal of International Food and Agribusiness Management* 21(4) pp. 269-285.
- [20] Newman, C., Delaney, L. and Nolan, B. (2008) 'A Dynamic Model of the Relationship between Income and Financial Satisfaction.' *Economic and Social Review* 39(2) pp. 105-130.
- [21] Keelan, C., Newman, C. and Henschion, M. (2008) 'Quick-Service Expenditure in Ireland: Parametric vs. Semiparametric Approaches.' *Applied Economics* 40(20) pp. 2659-2669.
- [22] Newman, C. and Matthews, A. (2007) 'Evaluating the Productivity Performance of Agricultural Enterprises in Ireland.' *Journal of Agricultural Economics* 58(1) pp: 128-151
- [23] Newman, C. and Matthews, A. (2006) 'The Productivity Performance of Irish Dairy Farms 1984-2000: A Multiple Output Distance Function Approach.' *Journal of Productivity Analysis* 26(2) pp. 191-205.
- [24] Carroll, J., Newman, C. and McCarthy, S. (2005) 'An Econometric Analysis of Charitable Donations in the Republic of Ireland.' *Economic and Social Review* 36(3) pp. 229-249.
- [25] Cantillon, S. and Newman, C. (2005) 'Bias in Interview Data created by Presence of a Third Party: Methodological Issues in a Study of Intra-household Deprivation.' *Radstats* 90 pp. 33-43
- [26] Newman, C., Matthews, A. and Henschion, M. (2003) 'Double Hurdle Model of Irish Household Expenditure on Prepared Meals.' *Applied Economics* 35(9) pp. 1053-1061
- [27] Newman, C., Matthews, A. and Henschion, M. (2001) 'Infrequency of Purchase and Double-Hurdle Models of Irish Households' Meat Expenditure.' *European Review of Agricultural Economics* 28 (4) pp. 393-419

Books, edited books and book chapters:

- [28] Trifkovic, N., Markussen, T., Newman, C. and Rand, J. (2018). Chapter 21: Corporate Social Responsibility in Vietnam. In S. Hsu (ed.), *Routledge Handbook of Sustainable Development in Asia*. Oxford, UK: Routledge.
- [29] Newman, C., Page, J., Rand, J., Shimeles, A., Söderbom, M., and Tarp, F. (2016) *Made in Africa: Learning to Compete in Industry*. Washington, D.C.: Brookings Institution Press.
- [30] Newman, C., Page, J., Rand, J., Shemeles, A., Soderbom, M. and Tarp, F. (eds.) (2016) *Manufacturing Transformation: Comparative Studies of Industrial Development in Africa and Emerging Asia*. Oxford University Press.
- [31] Newman, C., (2017) "Gender inequality and the empowerment of women." In: F. Tarp (ed.) *Growth, Structural Transformation and Rural Change in Viet Nam: A Rising Dragon on the Move*. Oxford University Press.
- [32] Kinghan, C. and Newman, C., (2017) "The rural non-farm economy." In: F. Tarp (ed.) *Growth, Structural Transformation and Rural Change in Viet Nam: A Rising Dragon on the Move*. Oxford University Press.
- [33] Narciso, C. and Newman, C., (2017) "Children and the youth in rural Viet Nam." In: F. Tarp (ed.) *Growth, Structural Transformation and Rural Change in Viet Nam: A Rising Dragon on the Move*. Oxford University Press.
- [34] O'Hagan, J. and Newman, C. (eds.) (2014) *The Economy of Ireland: National and Sectoral Policy Issues*, 12th Edition. Dublin: Gill and Macmillan. [Earlier editions in 2005, 2008 and 2011]
- [35] Newman, C. (2014) 'Education: Market Failure and Government Interventions' In: O'Hagan, J. and Newman, C. (eds.), *The Economy of Ireland: National and Sectoral Policy Issues*, 12th Edition. Dublin: Gill and Macmillan.
- [36] Newman, C. (2014) 'Manufacturing and Internationally Traded Services' In: O'Hagan, J. and Newman, C. (eds.), *The Economy of Ireland: National and Sectoral Policy Issues*, 12th Edition. Dublin: Gill and Macmillan.
- [37] O'Toole, C. and Newman, C. (2013) 'Investment Financing and Financial Development: New Evidence from Vietnam' In: Beck, T., De Haas, R. and Ongena, S. (eds.), *Understanding Banks in Emerging Markets*. Centre for Economic Policy Research (CEPR). VoxEU.org e-book.
- [38] Newman, C. (2013) 'Trade Liberalization and Industry Structure: Evidence from Vietnam' In: Brennan, L. (ed.), *Enacting Globalization: Multidisciplinary Perspectives on Integration*. London and New York: Palgrave Macmillan.
- [39] Batista, C., Narciso, G. and Newman, C. (2013) 'Remittance Flows to Developing Countries: Trends, Importance and Impact' In: Brennan, L. (ed.), *Enacting Globalization: Multidisciplinary Perspectives on Integration*. London and New York: Palgrave Macmillan.
- [40] Newman, C., Matthews, A. and Thorne, F. (2007) 'Productivity in the Irish Agriculture Sector' In: Aylward, C. and O'Toole, R. (eds.) *Perspectives on Irish Productivity*, Dublin: Forfás.
- [41] Newman, C. and Matthews, A. (2004) *Measuring and Understanding Productivity Growth in Irish Agriculture*. Kiel: Wissenschaftsverlag Vauk Kiel KG.

Working papers and work in progress

- [42] Narciso, G., Newman, C. and Tarp, F. (Forthcoming) "Information, identification or neither? Experimental evidence on role models in Viet Nam." WIDER Working Paper.
- [43] Newman, C. and Tarp, F. (2018) "Risk and investment: Evidence from Viet Nam." WIDER Working Paper 2018/122.
- [44] Kinghan, C., Newman, C. and O'Toole, C. (2018) "Capital allocation, credit access, and firm growth in Viet Nam" WIDER Working Paper 2018/67.
- [45] Lubega, P., Nakakawa, F., Narciso, G., Newman, C. and Kityo, C. (2017) 'Inspiring women: Experimental evidence on sharing entrepreneurial skills in Uganda.' Trinity Economic Paper Number 2017.
- [46] Chhair, S. and Newman, C. (2014) 'Clustering, Productivity and Spillover Effects: Evidence from Cambodia.' UNU-WIDER Working Paper 2014/065.
- [47] Kinghan, C. and Newman, C. (2015) 'Social Capital, Political Connections and Household Enterprises: Evidence from Vietnam.' UNU-WIDER Working Paper 2015/001.

- [48] Bedi, T., Newman, C. and Tarp, F. 'Access to credit and welfare outcomes: does the gender of the recipient matter?'
- [49] Newman, C. and Page, J. (2017) 'Industrial clusters: The case for Special Economic Zones in Africa.' UNU-WIDER Working Paper 2017/15.
- [50] Kinyondo, A., Newman, C. and Tarp, F. (2016) 'The role and effectiveness of Special Economic Zones in Tanzania.' UNU-WIDER Working Paper 2016/122.
- [51] Howard, E., Newman, C., Rand, J. and Tarp, F. (2014) 'Productivity Enhancing Manufacturing Clusters: Evidence from Vietnam.' UNU-WIDER Working Paper 2014/071.
- [52] Howard, E., Newman, C. and Thijssen, J. (2011) 'Are Spatial Networks of Firms Random? Evidence from Vietnam.' UNU-WIDER, Working Paper Number 2011/87.
- [53] Lubega, P., Nakakawa, F., Narciso, G. and Newman, C. 'Information delivery, Nutrition and HIV Treatment: Evidence from a randomized field experiment on women living with HIV in Uganda.'
- [54] Lubega, P., Nakakawa, F., Narciso, G. and Newman, C. 'Inspiring Women: Experimental evidence on sharing entrepreneurial skills in rural Uganda.'
- [55] Matz, J., Narciso, G. and Newman, C. (2014) 'Does Reinforcing Spouses' Land Rights Reduce Child Work by Altering Social Norms.'
- [56] McIndoe-Calder, T. and Newman, C. 'Network Effects and Land Redistribution: A Natural Experiment in Zimbabwe.'
- [57] Kreuser, C.F. and Newman, C. 'Total Factor Productivity in South African Manufacturing.'
- [58] Newman, C., Tarp, F. and Wainwright, F. 'The consequences of risk for household investment and savings decisions; Evidence from rural Vietnam.'
- [59] Newman, C., Page, J., Rand, J., Shimeles, A., Soderbom, M. and Tarp, F. 'Identifying direct FDI linkages through triangulation.'
- [60] Newman, C., Rand, J. and Tarp, F. 'Imports, Supply Chains and Productivity.'
- [61] Newman, C., Rand, J., Talbot, T. and Tarp, F. 'Does CSR Matter in Competitive Industries? Evidence from Vietnamese Manufacturing Firms.'
- [62] Newman, C., Rand, J., Tarp, F. and Trifkovic, N. 'Transmitting socially responsible behaviour: an unexplained spillover from foreign enterprises.'
- [63] Newman, C. and Zhang, M. 'Political Connections and the Allocation of Public Benefits in Vietnam.'
- [64] Vardanyan, A., Newman, C. and Rand, J. 'Trade liberalization and informality.'

References available on request