

PADDY GILLESPIE | CURRICULUM VITAE

Contact

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Education

- PhD in Economics, NUI Galway, 2009.
 - Thesis title: *An Economic Evaluation of Secondary Prevention of Coronary Heart Disease in General Practice.*
 - External Examiner: Professor Richard Grieve
 - Internal Examiner: Professor Ciaran O'Neill
 - Supervisor: Professor Eamon O'Shea
- Master of Economic Science Degree, NUI Galway, 2003.
 - First Class Honours.
- Bachelor of Commerce Degree, NUI Galway, 2002.
 - First Class Honours.

Employment

- Lecturer in Economics (*Above the bar*), J.E. Cairnes School of Business and Economics, NUI Galway, 11/2012 – present.
- Postdoctoral Research Fellow, J.E. Cairnes School of Business and Economics and School of Medicine, NUI Galway, 02/2012 – 10/2012.
- Postdoctoral Research Fellow, Irish Centre for Social Gerontology, NUI Galway, 06/2010 – 01/2012.
- Postdoctoral Research Fellow, J.E. Cairnes School of Business and Economics, NUI Galway, 06/2009 – 05/2010.
- Lecturer (Part-time), J.E. Cairnes School of Business and Economics, NUI Galway, 01/2006 – 10/2012
- Research Assistant, J.E. Cairnes School of Business and Economics, NUI Galway, 01/2004 – 09/2004.

Research Experience

Publications: Journal Articles

1. **Gillespie P**, Callan A, O'Shea E, Duane S, Murphy AW, Domegan C, Galvin S, Vellinga A. The cost effectiveness of the SIMPLe intervention to improve antimicrobial prescribing for urinary tract infection in primary care. *Journal of Public Health*. 2016; DOI: 10.1093/pubmed/fdw102
2. **Gillespie P**, O'Shea E, Murphy AW, Smith SM, Cupples ME. A comparison of medical records and patient questionnaires as sources for the estimation of costs within research studies and the implications for economic evaluation. *Family Practice*, 2016; DOI: 10.1093/fampra/cmw088
3. Noctor E, Crowe C, Carmody L, Saunders L, Kirwan B, O'Dea A, **Gillespie P**, Glynn L, McGuire B, O'Neill C, O'Shea P, Dunne F. Abnormal glucose tolerance post-gestational diabetes mellitus as defined by International Association of Diabetes and Pregnancy Study Groups criteria. *European Journal of Endocrinology*, 2016; DOI:10.1530/EJE-15-1260,
4. **Gillespie P**, Murphy E, Smith SM, Cupples ME, Byrne M, Murphy AW. Long term cost effectiveness of cardiac secondary prevention in primary care in the Republic of Ireland and Northern Ireland. *European Journal of Health Economics*. 2016. DOI: 10.1007/s10198-016-0777-2
5. Murphy P, McSharry J, Casey D, Doherty S, **Gillespie P**, Jaarsma T, Murphy A, Newell J, O'Donnell M, Steinke E, Toomey E, Byrne M. Sexual counselling for patients with cardiovascular

- disease: protocol for a pilot study of the CHARMS sexual counselling intervention. *BMJ Open*. 2016 (forthcoming)
6. Gallagher J, O'Sullivan D, McCarthy S, **Gillespie P**, Woods N, O'Mahony D, Byrne S. Structured pharmacist review of medication in older hospitalized patients: A cost-effectiveness analysis. *Drugs and Aging*. 2016. DOI:10.1007/s40266-016-0348-3)
 7. Danyliv A, **Gillespie P**, O'Neill C, O'Dea A, Tierney M, McGuire B, Glynn L, Dunne F. The cost-effectiveness of the screening for gestational diabetes in primary and secondary care in the Republic of Ireland. *Diabetologia*. 2015. DOI 10.1007/s00125-015-3824-0
 8. **Gillespie P**, O'Shea E, Cullinan J, Buchanan J, Bobula J, Gallagher D, Lacey L, Ní Mhaoláin A, Lawlor B. Longitudinal Costs of Caring for People with Alzheimer's Disease. *International Psychogeriatrics*. 2015. DOI: <http://dx.doi.org/10.1017/S1041610214002063>
 9. Danyliv A, **Gillespie P**, O'Neill C, Noctor E, O'Dea A, Tierney M, McGuire B, Glynn L, Dunne F. Health Related Quality of Life Two to Five Years after Gestational Diabetes Mellitus: Cross Sectional Comparative Study in the ATLANTIC DIP Cohort. *BMC Pregnancy and Childbirth*. 2015 15:27. DOI 10.1186/s12884-015-0705-y
 10. Cullinan J, **Gillespie P**. Does Overweight and Obesity Impact on Self-Rated Health? Evidence Using Instrumental Variables Ordered Probit Models. *Health Economics*. 2015. DOI: 10.1002/hec.3215
 11. Butler A, Gallagher D, **Gillespie P**, Crosby L, Ryan D, Lacey L, Coen R, O'Shea E, Lawlor B. Frailty: a costly phenomenon in caring for elders with cognitive impairment. *International Journal Of Geriatric Psychiatry*. 2015. DOI: 10.1002/gps.4306.
 12. Murphy AW, Cupples ME, Murphy E, Newell J, Scarrott C, Vellinga A, **Gillespie P**, Byrne M, Smith SM. Six-year follow-up of the SPHERE RCT: secondary prevention of heart disease in general practice. *BMJ Open*. 2015. DOI:10.1136/bmjopen-2015-007807
 13. Danyliv A, **Gillespie P**, O'Neill C, Noctor E, O'Dea A, Tierney M, McGuire B, Glynn L, Dunne F. Short and Long-Term Effects of Gestational Diabetes Mellitus on the Health Care Cost: Cross-Sectional Comparative Study in the ATLANTIC DIP Cohort. *Diabetic Medicine*. 2015. DOI: 10.1111/dme.12678.
 14. Cole JA, **Gillespie P**, Smith SM, Byrne M, Murphy AW, Cupples ME.. Using postal questionnaires to evaluate physical activity and diet behaviour change: case study exploring implications of valid responder characteristics in interpreting intervention outcome. *BMC Research Notes*. 2014, 7:725
 15. **Gillespie P**, Kelly L, Hurley L, Garrow A, Glynn L, McIntosh C, Dinneen S. The Effect of Foot Ulcers on Costs of Care for Diabetes in Ireland. *The Diabetic Foot Journal*. 2014. 17 (3): 107–112
 16. **Gillespie P**, O'Shea E, O'Hara MC, Dinneen S. Cost effectiveness of group follow up after structured education for type 1 diabetes: a cluster randomised controlled trial. *Trials*. 2014, 15:227
 17. O'Dea A, Infanti J, **Gillespie P**, Tummon O, Fanous S, Glynn L, McGuire B, Newell J, Dunne F. The uptake, clinical and cost effectiveness of screening for gestational diabetes mellitus (GDM) in primary versus secondary care: study protocol for a randomised controlled trial. *Trials*, 2014, 15:27 doi:10.1186/1745-6215-15-27
 18. Gallagher D, Jordan V, **Gillespie P**, Cullinan J, Dinneen S. Distance as a Risk Factor for Amputation in Patients with Diabetes: A Case-Control Study. *Irish Medical Journal*, 2014; 104(4):12-14
 19. **Gillespie P**, O'Shea E, Casey D, Murphy K, Devane D, Cooney A, Mee L, McCarthy B, Newell J, Kirwan C. The cost effectiveness of a structured education pulmonary rehabilitation programme for improving the health status of people with moderate and severe chronic obstructive pulmonary disease in primary care: The PRINCE cluster randomised trial. *BMJ Open*, 2013; DOI:10.1136/bmjopen-2013-003479
 20. **Gillespie P**, O'Neill C, Cullinan J, Dunne F. Modelling the Independent Effects of Gestational Diabetes Mellitus on Maternity Care Costs. *Diabetes Care*, 2013;36(5):1111-6
 21. Infanti J, Dunne F, O'Dea A, **Gillespie P**, Gibson I, Glynn L, Noctor E, Newell J, McGuire B. An evaluation of MyAction, a community-based lifestyle and medical risk factor modification programme, in women with prior gestational diabetes mellitus: study protocol for a randomised controlled trial. *Trials*; 2013,14:121
 22. Noctor E, Crowe C, Carmody L, Avalos G, Kirwan B, Infanti J, O'Dea A, **Gillespie P**, Newell J, McGuire B, O'Neill C, O'Shea P, Dunne F. ATLANTIC DIP-Simplifying the follow-up of women with previous gestational diabetes (GDM). *European Journal of Endocrinology*, 2013; DOI:10.1530/EJE-13-0491
 23. Casey D, Murphy K, Devane D, Cooney A, Mee L, McCarthy B, Newell J, Scarrott C, O'Shea E, **Gillespie P**, Kirwan C, Murphy A. The effectiveness of a structured education pulmonary

- rehabilitation programme for improving the health status of people with moderate and severe chronic obstructive pulmonary disease in primary care: The PRINCE cluster randomised trial. *Thorax*, 2013; DOI: 10.1136/thoraxjnl-2012-203103
24. **Gillespie P**, O'Shea E, Cullinan J, Lacey L, Gallagher D, Ni Mhaolain A, Lawlor B. The Effects of Dependence and Function on Costs of Care for Alzheimer's Disease and Amnesic Mild Cognitive Impairment in Ireland. *International Journal of Geriatric Psychiatry*, 2012; DOI: 10.1002/gps.3819
 25. Connolly S, **Gillespie P**, O'Shea E, Cahill S, Pierce M. Estimating the economic and social costs of dementia in Ireland. *Dementia: The International Journal of Social Research and Practice*. 2012; DOI: 10.1177/1471301212442453
 26. **Gillespie P**, O'Shea E, Paul G, O'Dowd T, Smith SM. Cost Effectiveness of Peer Support for Type 2 Diabetes. *International Journal of Technology Assessment in Health Care*, 2012; 28:1, 3–11
 27. **Gillespie P**, O'Neill C, Adams E, Turner K, O'Donovan D, Brugha R, Vaughan D, O'Connell E, Cormican M, Balfe M, Coleman C, Fitzgerald M, Fleming C. The Cost and Cost Effectiveness of Opportunistic Screening for Chlamydia trachomatis in Ireland. *Sexually Transmitted Infections*, 2012; DOI:10.1136/sextrans-2011-050067
 28. Cullinan J, **Gillespie P**, Owens L, Dunne F. The Impact of Travel Distance on the Decision to Attend for Screening for Gestational Diabetes Mellitus *Irish Medical Journal*, 2012; 100(5):18-20
 29. **Gillespie P**, O'Neill C, Avalos G, Dunne F. New Estimates of the Costs of Universal Screening for Gestational Diabetes Mellitus in Ireland. *Irish Medical Journal*, 2012; 100(5):15-18
 30. Cullinan J, **Gillespie P**, Owens L, Avalos G, Dunne F. Is there a Socioeconomic Gradient in the Prevalence of Gestational Diabetes Mellitus? *Irish Medical Journal*, 2012; 100(5):21-23
 31. Cullinan J, **Gillespie P**, Owens L, Dunne F. Accessibility and Screening Uptake Rates for Gestational Diabetes Mellitus in Ireland. *Health and Place*, 2011; DOI:10.1016/j.healthplace.2011.11.001
 32. **Gillespie P**, O'Shea E, Murphy AW, Smith SM, Byrne MC, Byrne M, Cupples ME. Relative cost effectiveness of the SPHERE intervention in selected patient subgroups with existing coronary heart disease. *European Journal of Health Economics*, 2011; DOI:10.1007/s10198-011-034.
 33. Brugha R, Balfe M, Jeffares I, Conroy RM, Clarke E, Fitzgerald M, O'Connell E, Vaughan D, Coleman C, McGee H, **Gillespie P**, O'Donovan D. Where do young adults want opportunistic chlamydia screening services to be located? *Journal of Public Health*, 2011; DOI:10.1093/pubmed/fdr028
 34. **Gillespie P**, O'Neill C, O'Reilly M, Avalos G, Dunne F. The Cost of Universal Screening for Gestational Diabetes Mellitus in Ireland. *Diabetic Medicine*, 2011; DOI: 10.1111/j.1464-5491.2011.03293.
 35. Glynn L, Valderas J, Healy P, Burke E, Newell J, **Gillespie P**, Murphy A. The prevalence of multimorbidity in primary care and its effect on healthcare utilisation and cost. *Family Practice*, 2011; (0):1–8.
 36. **Gillespie P**, O'Shea E, Murphy AW, Smith SM, Byrne MC, Byrne M, Cupples ME. The cost effectiveness of the SPHERE intervention for the secondary prevention of coronary heart disease. *International Journal of Technology Assessment in Health Care*, 2010; 26:3, 263-271.

Publications: Book Chapters

37. **Gillespie P**, Connolly S. The Economics of Dementia in Ireland, in Cullinan J, Lyons S, and Nolan B (Editors), *The Economics of Disability: Lessons from the Irish Perspective*. 2014. Manchester University Press. Manchester. England.
38. O'Shea E, **Gillespie P**. Health Policy in Ireland, in Healy S, Reynolds B, and Collins M (Editors), *Social Policy in Ireland: Principles, Practice and Problem*. 2006. The Liffey Press. Dublin. Ireland.

Publications: Commissioned Reports

39. Wuytack F, Meskell P, Conway A, McDaid F, Santesso N, Hickey F, Gillespie P, Smith V, Devane D. (2016) Clinical and cost-effectiveness of physiologically based early warning or track and trigger or scoring systems after triage in adult patients presenting to emergency departments: A systematic review. National Clinical Effectiveness Committee, Department of Health: Dublin.

40. Wren MA, **Gillespie P**, Smith S, Kearns K, Crichton S, Parkin D, Hickey A, Horgan F, Wiley M. Towards Earlier Discharge, Better Outcomes, Lower Cost: Stroke Rehabilitation in Ireland. 2014. The Economic and Social Research Institute, Dublin. Ireland. ISBN 978 0 7070 0 3719
41. **Gillespie P**, O'Neill C, Adams E, Turner K, O'Donovan D, Brugha R, Vaughan D, O'Connell E, Cormican M, Balfe M, Coleman C, Fitzgerald M, Fleming C. Economic Evaluation, in *Chlamydia Screening in Ireland: a pilot study of opportunistic screening for genital Chlamydia trachomatis infection in Ireland (2007-2009)*. 2012. Available at:
<http://www.hpsc.ie/hpsc/A-Z/HIVSTIs/SexuallyTransmittedInfections/Chlamydia/Publications/File,13426,en.pdf>