

**Frank Crowley, PhD
Curriculum Vitae**



Frank Crowley is Professor of Economics and Vice-Dean for Equality, Diversity and Inclusion (EDI) in Cork University Business. He is Co-Director of the Spatial and Regional Economics Research Centre at UCC, which won the UCC research team of the year award in 2020 and College of Business and Law research team of the year in 2020 and again in 2022. He is a PI at the Environmental Research Institute and is a research associate at MaREI, the SFI Research Centre for Energy, Climate and Marine research and innovation. He is a CIRTL (Centre for the Integration of Research, Teaching and Learning) Teaching Fellow and has 19 years of teaching experience. In 2021, he was awarded a UCC Presidents

Award for Excellence in Teaching. He has a PhD from University of Groningen, MA (Economics), BA (Economics and Geography) and a Masters, Postgraduate Diploma and Certificate in Teaching and Learning in Higher Education from UCC.

Frank has 33 peer reviewed publications with 26 ABS publications with many in leading ABS 4- and 3-star international journals including *Regional Studies* (ABS4), *Urban Studies* (ABS3), *Journal of Rural Studies* (ABS3), *Journal of Technology Transfer*, and *International Journal of Entrepreneurial Behavior and Research* (ABS3). He has research excellence and impact awards (from CUBS) and best paper and best presentation awards (from RSAI-BIS) for his work and has been nominated as research supervisor of the year and research communicator of the year on several occasions. Frank has actively contributed to research projects with a total funding value of €13,669,916, including direct involvement in securing €1,446,000 in funding for CUBS. These include prestigious research awards from the Horizon Europe Programme, EU Cooperation Programme, Irish Research Council, Department of Agriculture Food and the Marine, and the China Scholarship Council. He is currently UCC PI for the €3 million Horizon SYNCLUSIVE project and was workpackage 9 lead for the €4.2 million EU European Regional Development Fund SELKIE project.

His primary expertise lies in regional and urban economics, economics of innovation, transport and environmental economics, and applied econometrics, with a particular emphasis on how these areas inform and shape public policy. Frank has also published in high-impact multidisciplinary journals such as *Transport Policy*, *Journal of Transport Geography*, *Economics of Innovation and New Technology*, *Spatial Economic Analysis*, *Annals of Regional Science*, *Regional Studies* *Regional Science*, *International Journal of Innovation Management* and many more. Frank has over 19 years’ experience supervising students conducting empirical research with extensive post-graduate supervision. Frank lectures on economics, econometrics, and regional economics at undergraduate and postgraduate level in UCC.

PhD Supervision

2024-Present	David Hogan. Universities as Economic Anchors: Assessing Their Role in Local and Regional Economies.
2024-Present	Zixuan Yuan. Sustainable Development Strategies and SME Resilience: Evidence from Developing Economies.
2024-Present	Ernest Amrago. The Impact of Agricultural Innovation Systems and Innovation Adoption on Farm Economic Outcomes
2024 - Present	Sudhakar Brar. The role of firm size and government and non-government supports in driving firms’ engagement in eco-innovation
2022 – Present	Benjamin Bolger. The impact of entrepreneurship on regional labour markets in Ireland.
2021 – Present (Viva complete)	Yuping Yin. Family vs. Non-Family Firms: A Comparison of Innovation, Internationalization, and Resilience.
2020 – Present	Yichen Wang. Future Automation and China: Who and What places are most at Risk?
2020 – 2024 Graduated	Josh O’Driscoll. The economic and social burden of population loss across Irish regions.
2020 – Present (Viva complete)	John Paul Clifford. Regional Economic Disparities: The Role of Agglomeration, Deindustrialisation, and Industrial Policy
2020 – 2023 Graduated	Conor O’Driscoll. The effects of segregated land use and urban sprawl on commuting in Irish cities.

Journal Publications

- [1] Barrett, G., Crowley, F. Offshore renewable energy SMEs' innovation interactions across the triple helix: a management as practice perspective. *J Technology Transfer* (2025). <https://doi.org/10.1007/s10961-024-10178-3>
- [2] O'Driscoll, C., Crowley, F., Doran, J., McCarthy, N. and O'Driscoll, J., 2025. Travel behaviours and built environments on school-runs. *Regional Science Policy & Practice*, 17(1), p.100153. [Travel behaviours and built environments on school-runs - ScienceDirect](https://doi.org/10.1016/j.rsp.2025.100153)
- [3] Barrett, S., Crowley, F., Doran, J. and O'Connor, M. (2024), "Exploratory and exploitative linkages and innovative activity in the offshore renewable energy sector", *International Journal of Entrepreneurial Behavior & Research*, Vol. 30 No. 11, pp. 140-163. <https://doi.org/10.1108/IJEBR-12-2022-1107>
- [4] Crowley, F., & Walsh, E. (2024). Tolerance, social capital, and life satisfaction: a multilevel model from transition countries in the European Union. *Review of Social Economy*, 1-28. <https://doi.org/10.1080/00346764.2021.1957994>
- [5] O'Driscoll, C., Crowley, F., Doran, J., & McCarthy, N. (2023). How the relationship between socio-demographics, residential environments and travel influence commuter choices. *Regional Studies*, 58(3), 636–653. <https://doi.org/10.1080/00343404.2023.2199779>
- [6] Clifford, J.P., Doran, J., Crowley, F. and Jordan, D. (2023), "The relationship between city size, decentralisation and economic growth", *Journal of Economic Studies*, Vol. 50 No. 6, pp. 1171-1189. <https://doi.org/10.1108/JES-03-2022-0146>
- [7] O'Driscoll, C., Crowley, F., Doran, J., & McCarthy, N. (2023). Measuring land-use mixing across the Republic of Ireland: source data comparisons. *Journal of Maps*, 19(1). <https://doi.org/10.1080/17445647.2023.2214165>
- [8] O'Driscoll, C., Crowley, F., Doran, J. and McCarthy, N., (2023). Land-use mixing in Irish cities: Implications for sustainable development. *Land Use Policy*, 128, p.106615. <https://doi.org/10.1016/j.landusepol.2023.106615>
- [9] Crowley, F. and Barlow, P. (2022), "Entrepreneurship and social capital: a multi-level analysis", *International Journal of Entrepreneurial Behavior & Research*, Vol. 28 No. 9, pp. 492-519. <https://doi.org/10.1108/IJEBR-10-2021-0868>
- [10] O'Driscoll, C., Crowley, F., Doran, J., & McCarthy, N. (2022). Retail sprawl and CO2 emissions: Retail centres in Irish cities. *Journal of Transport Geography*, 102, 103376. <https://doi.org/10.1016/j.jtrangeo.2022.103376>
- [11] Crowley, F., & Doran, J. (2022) The geography of job automation in Ireland: what urban areas are most at risk? and Irish Towns. *Annals of Regional Science*. <https://link.springer.com/article/10.1007/s00168-022-01180-4>
- [12] Yin, Y., Crowley, F., Doran, J., Du, J., O'Connor, M. (2022). Research and innovation and the role of competition in family owned and managed firms. *International Journal of Entrepreneurial Behaviour and Research*, (ahead of print). <https://www.emerald.com/insight/content/doi/10.1108/IJEBR-12-2021-1031/full/html>
- [13] Rijns, R. H., Crowley, F., & Doran, J. (2022). Regional variations in automation job risk and labour market thickness to agricultural employment. *Journal of Rural Studies*, 91, 10-23. <https://doi.org/10.1016/j.jrurstud.2021.12.012>
- [14] O'Driscoll, J., Meredith, D., Crowley, F., Doran, J., O'Shaughnessy, M., & Zimmermann, J. (2022). The spatiotemporal dimension of population change in Ireland: visualisation of growth and shrinkage in Irish Electoral Divisions (1986–2016). *Journal of Maps*, 1-7. <https://doi.org/10.1080/17445647.2022.2052766>
- [15] Crowley, F., Doran, J., & McCann, P. (2021). The vulnerability of European regional labour markets to job automation: the role of agglomeration externalities. *Regional Studies*, 55(10-11), 1711-1723. <https://doi.org/10.1080/00343404.2021.1928041>
- [16] Crowley, F., Doran, J., & Ryan, G. (2021). COVID-19: How Important is Education for Social Distancing and Remote Work. *The Economic and Social Review*, 52(2, Summer), 217-239. <https://www.esr.ie/article/view/1768>
- [17] Crowley, F., Daly, H., Doran, J., Ryan, G., & Caulfield, B. (2021). The impact of labour market disruptions and transport choice on the environment during COVID-19. *Transport Policy*, 106, 185-195. <https://doi.org/10.1016/j.tranpol.2021.04.008>
- [18] Bourke, J., Crowley, F., Doran, J., & McDonnell, A. (2021). An analysis of management practices across firm ownership: The case of standalone domestic firms, domestic groups and multinational enterprises. *International Journal of Innovation Management*, 25(03), 2150030. <https://doi.org/10.1142/S1363919621500304>
- [19] Crowley, F., & Jordan, D. (2021). Do local start-ups and knowledge spillovers matter for firm-level R&D investment?. *Urban Studies*, 0042098021995105. <https://doi.org/10.1177/0042098021995105>
- [20] Crowley, F., & Doran, J. (2020). COVID-19, occupational social distancing and remote working potential: An occupation, sector and regional perspective. *Regional Science Policy & Practice*, 12(6), 1211-1234. <https://doi.org/10.1111/rsp3.12347>
- [21] Tracy Bradfield and Frank Crowley. (2019) Bradfield, T., & Crowley, F. (2019). The demand for fee-paying

- secondary schools in the Republic of Ireland. *Irish Educational Studies*, 38 (3), 359-375 <https://doi.org/10.1080/03323315.2019.1613251>.
- [22] Justin Doran, Geraldine Ryan, Frank Crowley and Jane Bourke (2019) In-House or Outsourcing Skills: How Best to Manage For Innovation? *International Journal of Innovation Management*. Online ready at <https://www.worldscientific.com/doi/10.1142/S1363919620500103>
- [23] Crowley, Frank, and Philip McCann. "Firm innovation and productivity in Europe: evidence from innovation-driven and transition-driven economies." *Applied Economics* 50, no. 11 (2018): 1203-1221. <https://www.tandfonline.com/doi/abs/10.1080/00036846.2017.1355543>
- [24] Crowley, Frank, and Jane Bourke. "The influence of the manager on firm innovation in emerging economies." *International Journal of Innovation Management* 22, no. 03 (2018): 1850028. Available at <https://www.tandfonline.com/doi/abs/10.1080/00036846.2017.1355543>
- [25] Crowley, Frank, and Declan Jordan. "Does more competition increase business-level innovation? Evidence from domestically focused firms in emerging economies." *Economics of Innovation and New Technology* 26, no. 5 (2017): 477-488. Available at <https://www.tandfonline.com/doi/abs/10.1080/10438599.2016.1233627>
- [26] Crowley, Frank, and Jane Bourke. "The influence of human resource management systems on innovation: Evidence from Irish manufacturing and service firms." *International Journal of Innovation Management* 21, no. 01 (2017): 1750003. Available at <https://www.worldscientific.com/doi/abs/10.1142/S1363919617500037>
- [27] Crowley, Frank. "Product and service innovation and discontinuation in manufacturing and service firms in Europe." *European Journal of Innovation Management* 20, no. 2 (2017): 250-268. Available at <https://www.emeraldinsight.com/doi/abs/10.1108/EJIM-03-2016-0027>
- [28] Crowley, Frank. "Firm subsidies in Central and Eastern Europe and Central Asia: is there urban bias?." *Regional Studies, Regional Science* 4, no. 1 (2017): 49-56. Available at <https://rsa.tandfonline.com/doi/abs/10.1080/21681376.2017.1307784#.XMS7HLdKjIU>
- [29] Bourke, Jane, and Frank Crowley. "Which organisational changes are most beneficial for firm innovation?." *Economics and Business Letters* 5, no. 4 (2016): 152-158. Available at <https://dialnet.unirioja.es/servlet/articulo?codigo=6165014>
- [30] Bourke, Jane, and Frank Crowley. "The role of HRM and ICT complementarities in firm innovation: Evidence from transition economies." *International Journal of Innovation Management* 19, no. 05 (2015): 1550054. <https://www.worldscientific.com/doi/abs/10.1142/S1363919615500541>
- [31] Frank Crowley and Philip McCann (2015) 'Innovation and Productivity in Irish Firms'. *Spatial Economic Analysis*, 10 (2):181-204. Paper available at <https://www.tandfonline.com/doi/abs/10.1080/17421772.2015.1023340>
- [32] Crowley, Frank., Eakins, John., & Jordan, Declan. (2012). Participation, expenditure and regressivity in the Irish lottery: Evidence from Irish household budget survey 2004/2005. *The Economic and Social Review*, 43(2,Summer), 199-225. Available at <https://www.esr.ie/article/view/47>
- [33] Considine, John, Frank Crowley, Sinead Foley, and Marie O'Connor. "Irish national lottery sports capital grant allocations, 1999–2007: Natural experiments on political influence." *Economic Affairs* 28, no. 3 (2008): 38-44. Available at <https://onlinelibrary.wiley.com/doi/abs/10.1111/j.1468-0270.2008.00843.x>