

GERGŐ TÓTH

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EDUCATION

- University College Dublin, Dublin** *2019 -*
Spatial Dynamics Lab
PhD Candidate
Topic: Spatial networks and their applications
- Central European University, Budapest** *2015 - 2017*
Department of Political Science
MA in Political Science
Topic: Network centrality and political behavior
- Corvinus University of Budapest, Budapest** *2013 - 2016*
College for Advanced Studies in Social Theory
Advanced Studies in Social and Economic Theory
- Eötvös Loránd University, Budapest** *2010 - 2014*
Department of Economics
BA in Applied Economics

RESEARCH EXPERIENCE

- Umeå University, Umeå** *2020 -*
Department of Geography
Visiting Researcher
- Hungarian Academy of Sciences, Budapest** *2017 -*
Centre for Economic and Regional Studies
Institute of Economics, Agglomeration and Social Network Research Group
Researcher
- Central European University, Budapest** *2016 - 2017*
Institute for Advanced Studies
Research Assistant
- Hungarian Academy of Sciences, Budapest** *2014 - 2015*
Centre for Economic and Regional Studies
Institute of Economics, Economics of Networks Research Group
Research Assistant

RESEARCH INTERESTS AND CURRENT RESEARCH TOPICS

ANET Lab Lendület Research Group, Budapest

Applied Network Science and Analyses, Graph Theory, Causality in Econometric and Statistical Analyses, Social Inequality

Spatial Dynamics Lab ERC/ SFI Research Group , Dublin

Network Evolution, Knowledge and Complexity Space, Technological Clusters and Development paths, Network Resilience

TEACHING EXPERIENCE

Széchenyi István College for Advanced Studies Budapest

2020

Lecturer

- Social Networks in Economics and Geography

Eötvös Loránd University, Department of Economics, Budapest

2020

Lecturer

- Network and Spatial Analyses

Eötvös Loránd University, Department of Economics, Budapest

2017 - 2018

Teaching Fellow

- Introduction to Economics for Social Scientists
- Introduction to Economics for Computer Scientists
- Thesis Writing Seminar for Economists

Eötvös Loránd University, Department of Economics, Budapest

2014 - 2015

Teaching Assistant

- Regional Economics
- Public Economics

ACADEMIC ACHIEVEMENTS

University College Dublin Doctoral Scholarship, Dublin, 2019-2022

Best Paper Award, European Regional Science Association, Slovak Winter Seminar of Regional Sciences, 2018

Teaching Fellow Scholarship Center for Economic Research and Graduate Education Economics Institute, Prague, 2017-2018

Central European University Master's Scholarship, Budapest, 2015-2017

Scholarship for Outstanding Academic Activities in Economics, Kroly Polanyi Foundation for Sociological Research and Training Concorde Securities Ltd, Budapest, 2014

RECENT PAPERS

Tóth, G., Elekes, Z., Whittle, A., Lee, C., and Kogler, D. F. (2020). Technology network structure conditions the economic resilience of regions (No. 2048). Utrecht University, Department of Human Geography and Spatial Planning, Group Economic Geography. <http://econ.geo.uu.nl/peeg/peeg2048.pdf>

Tóth, G., Wachs, J., Jakobi, Á., di Clemente, R., Ságvári, B., Kertész, J., Lengyel B. (2020) Urban structure conditions network effects on income inequality. <https://arxiv.org/abs/1909.11414>

Juhsz, S., **Tóth, G.**, Lengyel, B. (2020). Brokering the core and the periphery: Creative success and collaboration networks in the film industry. PlosOne, 15(2), e0229436 <https://journals.plos.org/plosone/article?id=10.1371/journal.pone.0229436>

Gessler, T., **Tóth, G.**, Wachs, J. (2019). No country for asylum seekers? How short-term exposure to refugees influences attitudes and voting behavior in Hungary. SocArXiv. January, 6. <https://osf.io/preprints/socarxiv/qgpve/>

Tóth, G., Lengyel B. (2019): Inter-firm inventor mobility and the role of co-inventor networks in producing high-impact innovation. The Journal of Technology Transfer, 1-21. <https://link.springer.com/article/10.1007/s10961-019-09758-5>

Tóth, G., Juhsz, S., Elekes, Z., Lengyel, B. (2018). Inventor collaboration and its persistence across European regions. <https://arxiv.org/abs/1807.07637>