DAVID NGUYEN

Stanford Digital Economy Lab, Stanford Institute for Human-Centered AI
Stanford University, Stanford, CA 94305
davidngu@stanford.edu · davidngu.com

Positions

2023–	Research Scientist, Stanford Digital Economy Lab, Stanford Institute for Human-Centered AI (HAI), Stanford University
2017–	Research Affiliate, Economic Statistics Centre of Excellence (ESCoE), London
2021–2022	Economist, Organisation for Economic Co-operation and Development (OECD), Paris
2017–2021	Senior Economist (2019–2021), Economist (2017–2019), National Institute of Economic and Social Research (NIESR), London

Education

2018	PhD, Economic Geography, London School of Economics and Political Science
2012	MSc, Local Economic Development (with distinction), London School of Economics and Political Science
2011	BSc, Economics and Business Economics (cum laude), Utrecht University

Research Interests

Economics of AI, economic measurement, digital economy, consumer welfare, household production

Work in Progress

"Valuing the Unpaid Economy: Measuring Household Production with Large-Scale Online Experiments" (with Erik Brynjolfsson and Xiupeng Wang)

"Household Production in the Age of AI" (with Erik Brynjolfsson, Diane Coyle and Jonas Walcher)

Working Papers

"What is Generative AI Worth?" (with Erik Brynjolfsson, Avinash Collis, Felix Eggers and Sophia Kazinnik), 2026. SSRN 6569938.

"Measuring Welfare Gains from Digital Variety: Evidence from App-level Time Use in China" (with Erik Brynjolfsson and Xijie Gao), 2026. SSRN 6475879.

"Augmenting Survey Data with Generative AI: An Application to Economic Research" (with Erik Brynjolfsson, José Ramón Enríquez and Sophia Kazinnik), 2026. SSRN 6343598.

"Sex, Drugs, and LLMs: Social Desirability Bias in Language Models" (with Sophia Kazinnik, José Ramón Enríquez, Jacy Anthis and Jiaxin Pei), 2026. SSRN 6752998.

"Future of Work with AI Agents: Auditing Automation and Augmentation Potential across the U.S. Workforce" (with Yijia Shao, Humishka Zope, Yucheng Jiang, Jiaxin Pei, Erik Brynjolfsson and Diyi Yang), 2025. arXiv:2506.06576.

Publications

"Future of Work in the Age of LLMs" (with Zora Wang, Yijia Shao and Diyi Yang). *Proceedings of the 64th Annual Meeting of the Association for Computational Linguistics: Tutorial Abstracts*, 2026.

"Free Digital Products and Aggregate Economic Measurement" (with Diane Coyle). *Economie et Statistique / Economics and Statistics* 539, 2023.

"No Plant, No Problem? Factoryless Manufacturing, Economic Measurement and National Manufacturing Policies" (with Diane Coyle). *Review of International Political Economy* 29(1), 2020.

"The Prospects for Regional Disparities in the UK in Times of Brexit and COVID-19" (with Arnab Bhattacharjee and Tony Venables). *National Institute Economic Review* 253, 2020.

"Growth, Productivity and Digitalisation in China." *National Institute Economic Review* 254, 2020.

"Valuing Goods Online and Offline: The Impact of Covid-19" (with Diane Coyle). *Covid Economics* 33, CEPR, 2020.

"Cloud Computing, Cross-Border Data Flows and New Challenges for Measurement in Economics" (with Diane Coyle). *National Institute Economic Review* 249(1), 2019.

"Reflecting on the Broken Housing Market: An Introduction" (with Jagjit Chadha). *National Institute Economic Review* 245(1), 2018.

Discussion Papers and Policy Reports

"Digital Transformation and Firm Productivity: Evidence from the UK" (with Diane Coyle, Kieran Lind and Manuel Tong). ESCoE Discussion Paper 2022-06, 2022.

"Building Trust to Reinforce Democracy: Main Findings from the 2021 OECD Survey on Drivers of Trust in Public Institutions" (with Valerie Frey and Sarah Hermanutz). OECD Publishing, 2022.

"Survey Design and Technical Documentation Supporting the 2021 OECD Survey on Drivers of Trust in Government Institutions" (with Valerie Frey, Santiago González and Monica Brezzi). OECD Working Papers on Public Governance, 2022.

"Drivers of Trust in Public Institutions in Norway" (with Santiago González, Silke Goubin and Mariana Prats). OECD Publishing, 2022.

"An Updated OECD Framework on Drivers of Trust in Public Institutions to Meet Current and Future Challenges" (with Monica Brezzi, Mariana Prats and Santiago González). OECD Working Papers on Public Governance, 2021.

"From Ideas to Growth: Understanding the Drivers of Innovation and Productivity across Firms, Regions and Industries in the UK" (with Andrew Aitken, Francesca Foliano, Larissa Marioni, Ana Rincon-Aznar and Enrico Vanino). BEIS Research Paper 2021/041, 2021.

"Measuring the Economic Value of Data and Cross-Border Data Flows: A Business Perspective" (with Marta Paczos). OECD Digital Economy Papers 297, 2020.

"Productivity in Europe: Trends and Drivers in a Service-Based Economy" (with P. Bauer et al.). JRC Technical Report, European Commission, 2020.

"China and the United Kingdom: Economic Relationships" (with B. Allen, J. Chadha et al.). NIESR Landscape Series, 2020.

"Regional Disparities and Development in the UK." UK2070 Commission Think Piece and NIESR Policy Paper, 2019.

"Places and Spaces: Mapping Britain's Regional Divides" (with Andrew Aitken, Janine Boshoff, Ana Rincon-Aznar and Andrea Stocchino). NIESR General Election Briefing, 2019.

"Brexit and the Health and Social Care Workforce in the UK" (with Peter Dolton, M. Castellanos and Heather Rolfe). NIESR Policy Report, 2018.

Grants

2026–2028	"Data as Infrastructure" (with Diane Coyle and Erik Brynjolfsson), Alfred P. Sloan Foundation
2026–2027	Google AI and Economy Researcher
2019–2021	"Beyond GDP: Economic Welfare in the Digital Economy" (with Diane Coyle), ONS through ESCoE
2019–2021	"Modern Economy: Measuring Digital Innovation" (with Diane Coyle), ONS through ESCoE
2017–2019	"Measurement Issues in the Modern Economy" (with Diane Coyle), ONS through ESCoE

Selected Presentations

2026	JRC Workshop on AI and Geography, Brussels; OECD Innovation Lab, Paris; Digital Economy Workshop, Athens; Workshop on Using GDP-B to Measure the Economy, Stanford; ESCoE Conference on Economic Measurement, London; OECD Network on Fiscal Relations across Levels of Government, Paris
2025	ASSA Annual Meeting, San Francisco; ESCoE Conference on Economic Measurement, London; Google Economics Seminar (virtual); Google AI Economics Seminar (virtual); MERGE Workshop, Brussels; UNSW-ESCoE Conference, Sydney; SCECR, Cyprus; DST Conference, Amsterdam
2024	CEIBS, Shanghai; Shanghai Jiao Tong University; Tsinghua University; Communication University of China; Conference on Economic Statistics Stakeholders, Paris
2020–2023	OECD Working Party on National Accounts; UK Department for Digital, Culture, Media and Sport; ESCoE Research Seminar; University of Reading; The Productivity Institute
2018–2019	European Commission JRC Workshop on Productivity in Europe, Brussels; OECD Working Party on Measuring and Analysing the Digital Economy; Bruegel; OECD workshops on data, platforms and cloud computing

Professional Service

Program chair	ESCoE Conference on Economic Measurement, Bristol
Referee	*Review of Income and Wealth*; *Journal of Evolutionary Economics*; *National Institute Economic Review*; *Regional Science Policy & Practice*; ESCoE Discussion Paper Series
Grant reviewer	UK Research and Innovation; Schmidt Sciences

Teaching

London School of Economics and Political Science

2015–2017	Political Economy of Europe (GY103), lectures and classes
2014–2017	Economics of European Integration (EC235), classes
2016–2017	Introduction to Quantitative Methods (MY451), computer classes

Other

Certifications	Postgraduate Certificate in Higher Education (PGCertHE); ONS Accredited Researcher
Languages	English, German (fluent); French, Portuguese (intermediate); Spanish, Italian (basic)

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