

# Dr. Nico Pestel — Curriculum Vitae (Updated: May 8, 2025)

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## Current position

- 2021–present *Associate Professor*, Maastricht University, School of Business and Economics, Research Centre for Education and the Labour Market (ROA)  
2021–present *PhD Coordinator*, Research Centre for Education and the Labour Market (ROA)

## Affiliations

- 2024–present *Associated Member*, Institute of Labor Economics (IZA)  
2022–present *Fellow*, Graduate School of Business and Economics, Maastricht University  
2022–present *Research Affiliate*, CESifo Research Network  
2021–present *Research Fellow*, Institute of Labor Economics (IZA)

## Appointments held

- 2019–2021 *Team Leader*, Institute of Labor Economics (IZA)  
2016–2021 *Senior Research Associate*, Institute of Labor Economics (IZA)  
2015–2016 *Visiting Professor (Lehrstuhlvertretung)*, University of Cologne  
2013–2023 *Program Coordinator*, IZA Program Area *Environment, Health, and Labor Markets*  
2013–2015 *Research Associate*, Institute for the Study of Labor (IZA)

## Research Visits

- Fall 2024 Institute for Advanced Studies (IHS), Vienna  
Summer 2019 ifo Institute, Munich  
Fall 2016 University of California, Santa Barbara  
Spring 2012 Catholic University of Leuven

## Education

- 2009–2013 PhD in Economics (Dr. rer. pol.), University of Cologne  
2004–2009 DIPLOM-VOLKSWIRT (equiv. MSc in Economics), University of Cologne

## Current Research

- Under Review Polluted Job Search: The Impact of Poor Air Quality on Reservation Wages, IZA Discussion Paper No. 17344 (with M. Bogaard, S. Künn and J. Palacios)
- Heat and Learning in a Moderate Climate: Temperature Effects on Primary School Students in the Netherlands (with E. Claes and C. Haelermans)
- How Green are Jobs for the Energy Transition? (with D. Gasparini, J. Bakens and P. Mulder)
- Working Paper The Immediate and Lasting Effects of Heat Waves On Workers (with H. Klauber and N. Koch)
- Changing Work Climate: The Implications of Extreme Temperatures for Occupational Choice (with I. Isphording, H. Pfeifer and M. Witte)
- Cleaner Air, Better Job Prospects? The Impact of Low Emission Zones on Job Search Outcomes (with M. Bogaard and S. Künn)
- In Progress Long-Term Labor Market Effects of Early-Life Exposure to Air Pollution—Evidence from Power Plant Desulphurization in West Germany (with M. Janser)
- The Impact of Job Disruptions on Households During the COVID-19 Pandemic (with H. Illing, M. Oberfichtner, J. Schmieder and S. Trenkle)
- Impacts of Small-Scale Biogas Technology on Energy Access in Egypt (with A. Elsayed, O. Deschênes, M. Witte and S. Atallah)

## Publications and Talks

### JOURNAL ARTICLES

- 202X From Low Emission Zone to Academic Track: Environmental Policy Effects on Educational Achievement in Elementary School, forthcoming in: *Journal of Environmental Economics and Management* (with J. Brehm, S. Schaffner and L. Schmitz)
- Air Pollution and the Housing Market: Evidence from Germany's Low Emission Zones, forthcoming in: *Journal of Environmental Economics and Management* (with H. Gruhl, N. Volkhausen and N. aus dem Moore)
- 2025 Long-Term Employment Effects of the Minimum Wage in Germany: New Data and Estimators, *Labour Economics* 92, 102648 (with M. Caliendo and R. Olthaus)
- 2024 The Political Fallout of Air Pollution, *Proceedings of the National Academy of Sciences* 121(18) e2314428121 (with L. Bellani, S. Ceolotto and B. Elsner)
- Killing Prescriptions Softly: Low Emission Zones and Child Health from Birth to School, *American Economic Journal: Economic Policy* 16(2), 220–248 (with H. Klauber, F. Holub, N. Koch,

N. Ritter and A. Rohlfs)

Forced Migration and Local Public Policies: Evidence from Post-War West Germany, *Journal of the European Economic Association* 22(2), 915–962 (with A. Chevalier, B. Elsner and A. Lichter)

2023 Indoor Air Quality and Strategic Decision-Making, *Management Science* 69(9), 5354–5377 (with S. Künn and J. Palacios)

Air pollution and worker productivity, *IZA World of Labor* (with M. Neidell)

2022 Schools under Mandatory Testing Can Mitigate the Spread of SARS-CoV-2, *Proceedings of the National Academy of Sciences* 119(26), e2201724119 (with M. Diederichs, R. van Ewijk and I. Isphording)

Job Search during a Pandemic Recession: Survey Evidence from the Netherlands, *Labour Economics* 75, 102142 (with M. Balgova, S. Trenkle and C. Zimpelmann)

2021 Minority Salience and Political Extremism, *American Economic Journal: Applied Economics* 13(3), 237–271 (with T. Colussi and I. Isphording)

Does re-opening schools contribute to the spread of SARS-CoV-2? Evidence from staggered summer breaks in Germany, *Journal of Public Economics* 198, 104426 (with I. Isphording and M. Lipfert)

Health Effects of Low Emission Zones: Evidence from German Hospitals, *Journal of Environmental Economics and Management* 109, 102512 (with F. Wozny)

Pandemic Meets Pollution: Poor Air Quality Increases Deaths by COVID-19, *Journal of Environmental Economics and Management* 108, 102448 (with I. Isphording)

Searching on Campus? The Marriage Market Effects of Changing Student Sex Ratios, *Review of Economics of the Household* 19(4), 1175–1207

2020 Labour Supply after Inheritances and the Role of Expectations, *Oxford Bulletin of Economics and Statistics*, 82(4), 843–863 (with K. Doorley)

2019 Employment Effects of Green Energy Policies, *IZA World of Labor*, DOI: 10.15185/izawol.76.v2

The German Statutory Minimum Wage and Its Effects on Regional Employment and Unemployment, *Journal of Economics and Statistics* 240(2–3), 295–319 (with H. Bonin, I. Isphording, A. Krause-Pilatus, A. Lichter and U. Rinne)

2017 Productivity Effects of Air Pollution: Evidence from Professional Soccer, *Labour Economics* 48, 54–66 (with A. Lichter and E. Sommer)

Marital Sorting, Inequality and the Role of Female Labour Supply: Evidence from East and West Germany, *Economica* 84(333), 104–127

Shifting Taxes from Labor to Consumption: More Employment and more Inequality?, *Review of Income and Wealth* 63(3), 542–563 (with E. Sommer)

2016 Short- and Long-term Participation Tax Rates and Their Impact on Labor Supply, *International Tax and Public Finance* 23(6), 1126–1159 (with C. Bartels)

2015 Tax Policy and Income Inequality in the U.S., 1979–2007, *Economic Inquiry* 53(2), 1061–1085 (with O. Bargain, M. Dolls, H. Immervoll, D. Neumann, A. Peichl and S. Siegloch)

2014 Labor Demand Effects of Rising Electricity Prices: Evidence for Germany, *Energy Policy* 75, 266–277 (with M. Cox, A. Peichl and S. Siegloch)

2013 The Politicians' Wage Gap: Insights from German Members of Parliament, *Public Choice* 156(3–4), 653–676 (with A. Peichl and S. Siegloch)

Fiscal union in Europe? Redistributive and stabilizing effects of a European tax-benefit system and fiscal equalization mechanism, *Economic Policy* 28(75), 375–422 (with O. Bargain, M. Dolls, C. Fuest, D. Neumann, A. Peichl and S. Siegloch)

Multidimensional Affluence: Theory and Applications to Germany and the US, *Applied Economics* 45(32), 4591–4601 (with A. Peichl)

Multidimensional Well-Being at the Top: Evidence for Germany, *Fiscal Studies* 34(3), 355–371 (with A. Peichl)

2012 Does Size Matter? The Impact of Changes in Household Structure on Income Distribution in Germany, *Review of Income and Wealth* 58(1), 118–141 (with A. Peichl and H. Schneider)

#### JOURNAL ARTICLES (IN DUTCH)

2024 Toenemende krapte in systeemrelevante beroepen, *Economisch Statistische Berichten*, 18 September 2024 (with J. Bakens, L. Cobben and D. Fouarge)

2023 Tekort aan technici voor de energietransitie vergt prioritering in investeringen, *Economisch Statistische Berichten* 108(4821), 222–225 (with A. Weterings, J. Bakens, M. Thissen, S. den Nijs and O. Ivanova)

2022 Contactintensiviteit en automatisering: welke beroepen zijn bijzonder kwetsbaar door een pandemie?, *Tijdschrift voor Arbeidsvraagstukken* 38(2), 154–168 (with J. Bakens and R. Goedhart)

#### JOURNAL ARTICLES (IN GERMAN)

2022 Geschlechtsspezifische Arbeitsmarktwirkung der Covid-19-Pandemie: Ähnlicher Arbeitszeitausfall, aber bei Müttern höhere zusätzliche Belastung durch Kinderbetreuung, *IAB-Kurzbericht*

3/2022 (with H. Illing, M. Oberfichtner, J. Schmieder and S. Trenkle)

2020 Der Mindestlohn birgt nach wie vor Beschäftigungsrisiken, *ifo Schnelldienst* 4/2020 (with H. Bonin)

2016 Ist eine Glättung des Mittelstandsbauchs finanzierbar? Eine Mikrosimulationsstudie, *Perspektiven der Wirtschaftspolitik* 17(3), 264–275 (with R. Schnabel, S. Sieglösch, E. Sommer, A. Spermann)

2014 Der gesetzliche Mindestlohn in Deutschland: Einsichten und Handlungsempfehlungen aus der Evaluationsforschung, *Schmollers Jahrbuch–Journal of Applied Social Science Studies* 134(29), 149–182 (with P. Arni, W. Eichhorst, A. Spermann and K.F. Zimmermann)

Bundestagswahlkampf 2013: Klientelpolitik durch Steuerreform?, *Perspektiven der Wirtschaftspolitik* 15(2), 182–194 (with A. Peichl, S. Sieglösch and E. Sommer)

2013 Ist Deutschland wirklich so progressiv? Einkommensumverteilung im europäischen Vergleich, *DIW Vierteljahrshefte zur Wirtschaftsforschung* 82(1), 111–127 (with A. Peichl and S. Sieglösch)

2012 Effizient, einfach und gerecht: Ein integriertes System zur Reform von Einkommensteuer und Sozialabgaben, *Perspektiven der Wirtschaftspolitik* 13(3), 196–213 (with M. Löffler, A. Peichl, H. Schneider and S. Sieglösch)

2011 Einfach ist nicht immer gerecht: Eine Mikrosimulationsstudie der Kirchhof-Reform für die Einkommensteuer, *DIW Vierteljahrshefte zur Wirtschaftsforschung* 80(4), 147–160 (with M. Löffler, A. Peichl, H. Schneider and S. Sieglösch)

Mehr Ungleichheit durch kleinere Haushalte? Der Zusammenhang zwischen Veränderungen der Haushaltsstruktur und der Einkommensverteilung in Deutschland, *Journal for Labour Market Research* 43(4), 327–338 (with A. Peichl and H. Schneider)

Reform der Hartz IV-Hinzuverdienstregelungen: Ein verfehelter Ansatz, *Perspektiven der Wirtschaftspolitik* 12(1), 12–26 (with A. Peichl, H. Schneider and S. Sieglösch)

#### OTHER PUBLICATIONS

2021 Why Do Relatively Few Economists Work on Climate Change? A Survey, *IZA Discussion Paper No. 14885* (with A. J. Oswald)

2015 Earnings Inequality, *International Encyclopedia of the Social & Behavioral Sciences*, 2nd edition, Vol. 6, 765–772 (with A. Peichl)

Documentation IZAΨMOD v3.0: The IZA Policy Simulation Model, *IZA Discussion Paper No. 8553* (with M. Löffler, A. Peichl, S. Sieglösch and E. Sommer)

2013 Inequality in Germany: The Role of Household Context and the Concept of Economic Resources, Dissertation, University of Cologne

## SEMINAR PRESENTATIONS

|           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|-----------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 2025      | University of Hamburg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| 2010–2024 | Institute for Advanced Studies (IHS), Vienna, MIT Center for Real Estate (online), University of Siegen, MCC Berlin (RSERC), Chinese University of Hong Kong, Shenzhen (online), Maastricht University, University of California San Diego (online), University of Passau (online), Maastricht University (online), ifo Institute Munich, University of Mannheim, CPB Netherlands Bureau for Economic Policy Analysis, University of Cologne, University of Siegen, University of Trier, University of Konstanz, ZEW Mannheim, University of Cologne, LISER, University of Antwerp, University of Kiel, Catholic University of Leuven, Leuphana University of Lüneburg, University of Hohenheim |

## CONFERENCE PRESENTATIONS

|             |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
|-------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| General     | American Economic Association (2020), Royal Economic Society (2016), German Economic Association (2010, 2011, 2016, 2019, 2020)                                                                                                                                                                                                                                                                                                                                                                                                   |
| Labor       | Society of Labor Economists (2011, 2013, 2014, 2015, 2018, 2020), European Association of Labour Economists (2022, 2024), European Society for Population Economics (2010, 2016, 2019), IZA World Labor Conference (2018)                                                                                                                                                                                                                                                                                                         |
| Environment | European Association of Environmental and Resource Economists (2020)                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| Public      | National Tax Association (2019), International Institute of Public Finance (2011, 2013, 2017), Public Choice Society (2017), International Association for Research in Income and Wealth (2010, 2012, 2014), Society for the Study of Economic Inequality (2011, 2013), Society for Social Choice and Welfare (2010), Journées LAGV (2013)                                                                                                                                                                                        |
| Other       | LMU Munich Workshop on Beliefs About Society and Politics (2019), Annual MaTax Conference (2018), CESifo Venice Summer Institute (2018), IZA Workshop on Environment and Labor Markets (2013, 2014, 2019), IZA Workshop on Gender and Family Economics (2018), IZA/SOLE Transatlantic Meeting of Labor Economists (2015), IZA Workshop on Entrepreneurship Research (2014), IZA European Summer School in Labor Economics (2012), International Microsimulation Association (2011, 2012, 2014), German Statistical Society (2010) |

## Awards and Grants

### AWARDS

|      |                                                                                                                                                                                                                                                                              |
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| 2024 | Senior Researcher Award, School of Business and Economics, Maastricht University                                                                                                                                                                                             |
| 2023 | Science Award from the German Society for Health Economics (dggö) for “Schools under Mandatory Testing Can Mitigate the Spread of SARS-CoV-2”, published in <i>Proceedings of the National Academy of Sciences</i> 2022 (with M. Diederichs, R. van Ewijk and I. Isphording) |

## GRANTS

- 2023–2024 Dutch Research Council (NWO), Open Competition, Domain Social Sciences and Humanities (49,908 Euros). Project title: “*Changing Work Climate – The Implications of Heat for Occupational Choice*”
- 2022–2023 J-PAL K-CAI (US\$74,789). Pilot project title: “*Impacts of Small-Scale Biogas Technology on Energy Access in Egypt*” (with A. Elsayed, O. Deschênes, M. Witte and S. Atallah)
- 2020–2022 IZA Collaborative Research Grant “Labor Market and Social Consequences of the COVID-19 Pandemic” (125,000 Euros). Project title: *The Impact of Job Disruptions on Households During the Covid-19 Pandemic* (joint with H. Illing, M. Oberfichtner, J. Schmieder and S. Trenkle)

## Teaching

### CERTIFICATES

- 2022–2024 University Teaching Qualification (*Basis Kwalificatie Onderwijs*, BKO), Maastricht University
- 2022 Effective Supervision of PhD Students, Maastricht University
- 2022 Problem Based Learning (PBL) and Tutor Training, Maastricht University

### COURSES AND SUPERVISION

- Bachelor Course *Society Through the Lens of Economists*, Maastricht University (2022/23, 2023/24, 2024/25)  
Lecture *Public Economics*, University of Cologne (Winter 2015/16, Summer 2016)  
Tutorial *Macroeconomics*, University of Cologne (Summer 2008)  
Tutorial *Microeconomics*, University of Cologne (Winter 2007/08)
- Master Lecture *Tax Policy*, University of Cologne (Winter 2015/16, Winter 2017/18)  
Supervision of Master theses, Maastricht University (since 2021)  
Supervision of Diploma & Master theses, Universities of Cologne and Bonn (2010–2020)
- PhD Course *Academic Skills for PhD Candidates*, Maastricht University (2022/23, 2023/24, 2024/25)  
Course *Job Market Training for PhD Candidates* (2023/24, 2024/25)  
Promotor, Maastricht University (since 2022)  
External Thesis Examiner, Ca’ Foscari University of Venice (2025)  
External Thesis Examiner, Vrije Universiteit Amsterdam (2025)  
External Thesis Examiner, Norwegian University of Science and Technology (2020)  
External Thesis Examiner, Royal Holloway University of London (2016)

### GUEST LECTURES

- 2024 Winter School on Inequality and Collective Welfare Theory, University of Verona
- 2018–2020 Guest Lecture *Understanding Society*, Maastricht University

## Service to the Profession

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|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Refereeing  | <i>American Economic Journal: Economic Policy, American Journal of Health Economics, B.E. Journal of Economic Analysis and Policy, British Journal of Industrial Relations, Demography, Economic Journal, Economics of Education Review, Empirical Economics, European Journal of Political Economy, German Research Foundation, IZA Journal of Labor Policy, IZA World of Labor, Journal of Economics, Journal of Environmental Economics and Management, Journal of Economic Behavior and Organization, Journal of Economic Inequality, Journal of Income Distribution, Journal of the Association of Environmental and Resource Economists, Journal of the European Economic Association, Journal of Human Resources, Journal of Policy Analysis and Management, Journal of Public Economics, Labour Economics, National Tax Journal, Nature Communications, Quarterly Journal of Economics, Regional Studies, Research in Labor Economics, Research on Economic Inequality, Review of Income and Wealth, Social Indicators Research, Southern Economic Journal</i> |
| Conferences | <p>IZA Workshop: <i>Climate and Environmental Economics: Applied and Behavioral Perspectives</i> (2025)</p> <p>Maastricht Workshop on <i>Applied Economics of the Environment</i> (2024)</p> <p>IZA Workshop: <i>Environment, Health, and Labor Markets</i> (annually 2013–2023)</p> <p>IZA Workshop: <i>Climate Change and Labor Markets</i> (2021)</p> <p>IZA Workshop: <i>Economics of Time Use and Mental Health</i> (2021)</p> <p>IZA/CINCH Workshop: <i>The Economics of Long-Term Care and Healthy Aging</i> (2020, 2022)</p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| Sessions    | <i>Heat, Health and Adaptation to Climate Change</i> (EAERE, 2021)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |

## Policy Consultancy Projects

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| 2024–2025 | <i>Evaluation of the German Minimum Wage: Effects on Employment and Unemployment</i> (on behalf of the German Minimum Wage Commission)                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 2021–2025 | <i>Labor Market Forecasts for the Netherlands</i> (Project <i>Onderwijs-Arbeidsmarkt (POA)</i> ), on behalf of Nationaal Regieorgaan Onderwijsonderzoek (NRO), the UWV Werkbrieff, the Cooperation Organisation for Vocational Education, Training and the Labour Market (SBB), and employment agency Randstad Netherlands. Four Dutch ministries contribute to the NRO funding: the Ministry of Education, Culture and Science (OCW), the Ministry of Interior and Kingdom Relations (BZK), the Ministry of Social Affairs and Employment (SZW), and the Ministry of Agriculture, Nature and Food Quality (LNV). |
| 2021–2022 | Co-Project Leader: <i>Evaluation of the German Minimum Wage: Effects on Individual Employment Histories and Firm-Level Wage Structures</i> (on behalf of the German Minimum Wage Commission)                                                                                                                                                                                                                                                                                                                                                                                                                      |
| 2021–2022 | <i>Evaluation of the German Minimum Wage: Effects on Employment and Unemployment</i> (on behalf of the German Minimum Wage Commission)                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| 2020–2022 | <i>Soziale Aspekte der Umweltpolitik: Teilvorhaben 2: Gewinnung von Daten</i> (on behalf of the Federal Environment Agency)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| 2019–2020 |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |

Project Leader: *Evaluation of the German Minimum Wage: Effects on Employment and Unemployment* (on behalf of the German Minimum Wage Commission)

2017–2018 *Evaluation of the German Minimum Wage: Effects on Employment, Working Hours and Unemployment* (on behalf of the German Minimum Wage Commission)

2017 *Ökonomische Bewertung verschiedener Reformoptionen im deutschen Steuer- und Transfersystem* (on behalf of the Federal Ministry of Economics and Energy)

2014–2015 *Analyse der Verteilung von Einkommen und Vermögen in Deutschland, Beitrag zum 5. Armuts- und Reichtumsbericht der Bundesregierung* (on behalf of the Federal Ministry of Labour and Social Affairs)

2013–2015 *Verteilungswirkungen umweltpolitischer Maßnahmen und Instrumente* (on behalf of the Federal Environment Agency)

2011 *Finanzielle und Beschäftigungswirkungen unterschiedlicher Tarifverläufe alternativer Hinzuverdienstregelungen gegenüber dem Status Quo* (on behalf of the German Federal Ministry of Economics and Technology)

*Minijobs: Situation und Gestaltungsoptionen* (on behalf of Bertelsmann Stiftung)

*Aktivierung von Fachkräftepotenzialen: Frauen und Mütter* (on behalf of the Federal Ministry for Labour and Social Affairs)

2010 *Gutachten zur Berechnung von Vorschlägen zur Neuregelung der Erwerbstätigenfreibeträge* (on behalf of the Federal Ministry for Labour and Social Affairs)

## Media Appearances

Print/Online *Daily Mail, De Limburger, Der Spiegel, Deutsche Welle, Frankfurter Allgemeine Zeitung, Handelsblatt, Shell Venster, Süddeutsche Zeitung, The Guardian, The Sun, Trouw, Welt am Sonntag, Wirtschaftswoche*

TV/Radio *Limburg 1, Radio 1 (Belgium), 3sat, Bayerischer Rundfunk, HR1, HR3, MDR Info, Campus radio Cologne*