

# DR. TERRY GREGORY - CURRICULUM VITAE

(updated: November 15, 2018)

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## CONTACT INFORMATION

IZA - Institute of Labor Economics  
Schaumburg-Lippe-Str. 5-9  
53113 Bonn  
Germany

Phone: +49 228 3894-522

Email: [tgregory@iza.org](mailto:tgregory@iza.org)

Internet: <https://www.iza.org/people/staff/8580/terry-gregory>

Google-Scholar: <http://scholar.google.com/citations?hl=en&user=xRIyWW0AAAAJ>

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## WORK EXPERIENCE

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| 11/2018 – present | Senior Research Associate, IZA Bonn    |
| 7/2015 – present  | Senior Researcher, ZEW Mannheim        |
| 3/2015 – 6/2015   | Postdoctoral Researcher, ZEW Mannheim  |
| 3/2009 – 2/2015   | Researcher, ZEW Mannheim               |
| 1/2006 – 7/2007   | Research assistant, University of Bonn |
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## RESEARCH INTERESTS

labor economics, labor market effects of automation and digitalization, labor market inequalities, minimum wages

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## EDUCATION

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|-------------------|--|
| 3/2009 – 1/2015   | Ph.D. in Economics ( <i>summa cum laude</i> ), University of Regensburg<br><i>supervisors:</i><br>Prof. Dr. Dr. h.c. Joachim Möller (University of Regensburg and IAB)<br>Prof. Dr. Melanie Arntz (University of Heidelberg and ZEW) |
| 10/2005 – 09/2008 | Diplom-Volkswirt (M.A. Economics), University of Bonn  |
| 8/2007 – 3/2008   | Graduate Studies in Economics, Charles University in Prague  |
| 10/2002 – 10/2005 | Vordiplom (B.A. Economics), University of Bonn   |

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## PUBLICATIONS IN REFEREED INTERNATIONAL JOURNALS

“Revisiting the Risk of Automation” (joint with Melanie Arntz and Ulrich Zierahn), 2017, *Economics Letters*, 159, 157-160, revised version of "The Risk of Automation for Jobs in OECD Countries: A Comparative Analysis", OECD Social, Employment and Migration Working Papers No. 189, Paris.

in press: The Economist, New York Times, Die Welt, FAZ, Handelsblatt, EurActiv, KURIER.

“Demographic Ageing and the Polarization of Regions - An Exploratory Space-Time Analysis” (joint with Roberto Patuelli), 2015, *Environment and Planning A*, 47, 1192-1210.

“Can Regional Employment Disparities Explain the Allocation of Human Capital Across Space?” (joint with Melanie Arntz and Florian Lehmer), 2014, *Regional Studies*, 48 (10), 1719-1738.

“The Minimum Wage Affects Them All: Evidence on Employment Spillovers in the Roofing Sector” (joint with Bodo Aretz and Melanie Arntz), 2013, *German Economic Review*, 14 (3), 282-315.

“The Minimum Wage in the Roofing Sector: Impact on Employment, Worker Protection and Competition” (joint with Bodo Aretz, Melanie Arntz and Christian Rammer), 2012, *Journal for Labour Market Research*, 45 (3), 233-256.

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## WORKING PAPERS / IN EDITORIAL PROCESS

“Racing With or Against the Machine? Evidence from Europe” (joint with Anna Salomons and Ulrich Zierahn), earlier version published as ZEW Discussion Paper No. 16-053, winner of the UniCredit Best Paper Award 2016, submitted.

in press: The Economist, Makronom, Bloomberg.

“When the Minimum Wage Really Bites Hard: Impact on High-Skilled Workers and Skill Formation” (joint with Ulrich Zierahn), earlier version published as ZEW Discussion Paper No. 14-133, preparing for submission.

“Demographic Change and Regional Innovation” (joint with Melanie Arntz), working paper, earlier version published as ZEW Discussion Paper No. 14-050.

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## WORK IN PROGRESS

“Minimum Wages and Automation – An Empirical Analysis for Germany” (joint with Christina Gathmann and Kristina Zapp).

“Technology and Jobs in the Fourth Industrial Revolution - Firm-Level Evidence” (joint with Melanie Arntz, Sabrina Genz, Florian Lehmer, Britta Matthes, Markus Janser, and Ulrich Zierahn), winner of the EALE Best Poster Award 2018.

“Technology and the Future of Work: Aggregate Employment Effects of Digitization” (joint with Melanie Arntz and Ulrich Zierahn).

“Minimum Wages and Self-Employment” (joint with Angelika Ganserer, Simona Wagner and Ulrich Zierahn).

“The Impact of Technology Investments on Workers in the Fourth Industrial Revolution” (joint with Melanie Arntz, Sabrina Genz, Florian Lehmer, Britta Matthes, Markus Janser, and Ulrich Zierahn).

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POLICY CONTRIBUTIONS AND NON-REFEREED JOURNALS

No need for automation angst, but automation policies (joint with Daniel Arnold, Melanie Arntz, Susanne Steffes und Ulrich Zierahn), 2018, in: Max Neufeind, Jacqueline O'Reilly, Florian Ranft Work in the Digital Age, Challenges of the Fourth Industrial Revolution, Rowman and Littlefield International, London, New York.

Digitalisierung und die Zukunft der Arbeit: Makroökonomische Auswirkungen auf Beschäftigung, Arbeitslosigkeit und Löhne von morgen (with joint with Melanie Arntz and Ulrich Zierahn), 2018, Report for the Federal Ministry for Research and Development (BMBF).

in press: Spiegel-Online

Arbeitswelt 4.0: Wohlstandszuwachs oder Ungleichheit und Arbeitsplatzverlust – was bringt die Digitalisierung? (joint with Oliver Stettes, Melanie Arntz, Ulrich Zierah, Katharina Dengler, Daniel Veit, Werner Eichhorst and Ulf Rinne), 2017, ifo Schnelldienst 7, 3-18.

“Tätigkeitswandel und Weiterbildungsbedarf in der digitalen Transformation” (joint with Melanie Arntz, Simon Jansen and Ulrich Zierahn), 2016, Report for the National Academy of Science and Engineering (acatech).

“Arbeitswelt 4.0 – Stand der Digitalisierung in Deutschland: Dienstleister haben die Nase vorn” (joint with Melanie Arntz, Florian Lehmer, Britta Matthes and Ulrich Zierahn), 2016, IAB Kurzbericht 22/2016.

in press: FAZ.net, Wirtschaftswoche.

“Robotics and Employment - Consequences of Robotics and Technological Change for the Structure and Level of Employment” (joint with Melanie Arntz and Ulrich Zierahn), 2016, Expertise for the Robotics Coordination Action for Europe (RockEU).

“Übertragung der Studie von Frey/Osborne (2013) auf Deutschland” (joint with Holger Bonin and Ulrich Zierahn), 2015, Expertise for the Federal Ministry of Labour and Social Affairs (BMAS).

in press: FAZ, Focus.

“Rising Labour Market Inequality: Regional Disparities and Wage-Setting Institutions”, 2015, Dissertation, University of Regensburg.

“Vorbereitende Forschung für die zweite Evaluationsrunde Mindestlöhne – Verbesserung und Erweiterung der Evaluationsmethoden” (joint with Bodo Aretz, Melanie Arntz, Holger Bonin, Sebastian Butschek, Annabelle Dörr, Bernd Fitzenberger, Nicole Gürtzgen, Holger Stichnoth, Thomas Walter), 2013, Expertise for the Federal Ministry of Labour and Social Affairs (BMAS).

“Selektive Arbeitskräftemobilität in Deutschland: Beschäftigungschancen sind wichtiger als der Lohn” (joint with Melanie Arntz and Florian Lehmer), 2012, IAB-Kurzbericht, 13, 1-8.

“ZEW-Studie zu den Wirkungen eines Mindestlohns in der Dachdeckerwirtschaft” (joint with Bodo Aretz, Melanie Arntz, Sandra Gottschalk, Terry Gregory, Michaela Niefert, Christian Rammer, Helmut Schröder and Holger Schütz), 2011, Expertise for the Federal Ministry of Labour and Social Affairs (BMAS).

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## RESEARCH VISITS

- 9/2014 Visiting researcher, University of Utrecht (Prof. Anna Salomons)  
11/2011 – 1/2012 Visiting researcher, University of Bologna (Prof. Roberto Patuelli)
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## AWARDS AND SCHOLARSHIPS

- 9/2018 EALE Best Poster Award 2018  
5/2016 UniCredit Best Paper Award 2016  
8/2007 – 3/2008 Erasmus-Scholarship for Studies Abroad
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## SELECTED RESEARCH GRANTS AND THIRD-PARTY FUNDING

- 11/2017 – 4/2018 Research project for the European Commission (joint with Melanie Arntz, Maarten Goos and Ulrich Zierahn) funding amount: 7.200 Euros, *joint project leader*.
- 4/2017 – 3/2019 Research grant from the Federal Ministry of Labour and Social Affairs (BMAS, joint with Melanie Arntz, Robert Helmrich, Florian Lehmer, Britta Matthes and Ulrich Zierahn) funding amount: 149.984 Euros, *joint project leader*.
- 11/2016 – 10/2019 Research grant from the German Research Foundation (DFG, joint with Christina Gathmann), funding amount: 300.030 Euros, *joint project leader*.
- 3/2016 – 8/2016 Research project for the National Academy of Science and Engineering (ACATECH, joint with Melanie Arntz, Simon Jannsen and Ulrich Zierahn), funding amount: 17.476 Euros, *project leader*.
- 3/2016 – 8/2016 Research project for the OECD (joint with Melanie Arntz and Ulrich Zierahn), funding amount: 10.000 Euros, *joint project leader*.
- 2/2016 – 5/2016 Research project for the Robotics Coordination Action for Europe (RockEU) (joint with Melanie Arntz and Ulrich Zierahn), funding amount: 10.000 Euros, *joint project leader*.
- 7/2015 – 6/2017 Research grant from the Federal Ministry of Education and Research (BMBF, joint with Melanie Arntz and Ulrich Zierahn), funding amount: 230.024 Euros, *joint project leader*.
- 4/2013 – 9/2014 Research grant from the SEEK program of the federal state Baden-Württemberg (joint with Anna Salomons and Ulrich Zierahn), funding amount: 187.473 Euros, *joint project leader*.
- 9/2011 – 12/2013 Research grant from the Fritz-Thyssen Foundation (joint with Melanie Arntz and Roberto Patuelli), funding amount: 112.318 Euros, *project member, strongly involved in leadership*.

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## REFEREING FOR INTERNATIONAL JOURNALS

Demographic Research, Economics Letters, Empirical Economics, Environment and Planning A, European Economic Review, European Journal of Political Economy, German Economic Review, Industrial and Labour Relations Review, Journal for Labour Market Research, Journal of Economics and Statistics, LABOUR, Oxford Economic Papers, Regional Studies, Urban Studies.

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## OTHER (VOLUNTARY) REFEREING ACTIVITIES

Selection committee, annual meetings of the German Economic Association, Vienna, 2017.

Selection committee, ZEW conference “Spatial Dimensions of Inequality” 2017.

Selection committee, Spring Meeting of Young Economists (SMYE) 2017 and 2018.

Selection committee, “Scholarship Programme for Refugees from Syria II”, State of Baden-Württemberg and German Academic Exchange Service (DAAD), 2016.

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## TEACHING EXPERIENCE

2016/2017	ZEW Expert seminar on “Evaluation of programs and policy measures – a practice oriented introduction into impact analysis”
2015/2016	ZEW Expert seminar on “Evaluation of programs and policy measures – a practice oriented introduction into impact analysis”
10/2015 – 2/2016	Supervision of Bachelor thesis, University of Heidelberg
2014/2015	ZEW Expert seminar on “Evaluation of programs and policy measures – a practice oriented introduction into impact analysis”
9/2013 – 1/2014	Supervision of Bachelor thesis, University of Heidelberg
1/2013 – 4/2013	Supervision of Bachelor thesis, University of Heidelberg
4/2008 – 7/2008	Tutor for the lecture “Introduction to Economics”, University of Bonn

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## ORGANISATION OF ACADEMIC CONFERENCES AND WORKSHOPS

2/2019	“TASKS V: Robotics, Artificial Intelligence and the Future of Work”, 5th BIBB/IAB/ZEW Conference.
9/2016	“TASKS IV: Labor Market Adjustments to Digitization and the Future of Work”, 4th BIBB/IAB/ZEW Conference.
2014	“TASKS III: Changing Tasks – Consequences for Inequality” 3rd BIBB/IAB/ZEW Conference; “Spatial Dimensions of the Labour Market – The Relocation of Jobs“, 2nd ZEW/IAB/RCEA Workshop.
2013	Workshop on “Evaluation of Minimum Wages in Several German Sectors”.

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## SELECTIVE MEDIA ARTICLES, EXPERT INTERVIEWS

50% männer Aarbeitsplazen duerch 4.0?, 4.6.2018, Radio RTL Luxemburg.

Digitalisierung - wie verändert sie unsere Arbeit und die Gesellschaft?, 30.4.2018, SWR Aktuell Kontext.

Wie erleben Sie die Digitalisierung in Ihrem Arbeitsumfeld?, 2.5.2018, WDR 5 Tagesgespräch.

Regierungsgutachten: Roboter schaffen mehr Jobs, als sie vernichten, 4.4.2018, Spiegel-Online.

Viele Jobs können Computer und Roboter gar nicht übernehmen!“, 5.4.2018, Orange by Handelsblatt.

“Digitalisierung bedroht 3,4 Millionen Jobs“, 2.2.2018, Spiegel Online.

Fachkräftemangel kostet Deutschland 30 Milliarden Euro, 29.4.2018, Die Welt.

“Zukunft der Arbeit - Keine Angst, die Maschinen kommen!“, 30.8.2017, Spiegel Online.

“Ein Roboter macht Euren Job“, 1.11.2016, RBB Radio Fritz.

“Digitalisierung: Bedrohen Roboter unsere Jobs?“, 22.11.2016, Yahoo.

“Robots Are Actually Helping People To Buy More Stuff“, 29.6.2016, Bloomberg.

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## INVITED TALKS, KEYNOTES, PANELS

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| 2018 | Keynote, Seminar on "L'avenir du travail: saisir les opportunités et accompagner les risques" on behalf of the Luxembourg Ministry for Labour, Employment and the Social and Solidarity Economy .  |
| 2017 | Keynote, scientific symposium on "Struktureller Wandel der Arbeitswelt", BMAS, Berlin; "Panelist, OECD, workshop on “Adapting to changing skill needs”, Paris; Invited seminar at ifo Institut, Munich.  |
| 2016 | Keynote, Summit Industrie 4.0, Vienna, Austria; Keynote, "Neue Verwaltung - Zukunft Digitale Arbeit", World Conference Center Bonn; Invited talk, expert meeting “Handwerksunternehmen in der Digitalen Ökonomie”, Leipzig; Invited talk, Europa-Union, Duale Hochschule Baden-Württemberg (DHBW); Invited talk, expert meeting in the Federal Ministry of Economics and Technology (BMWi); Invited talk, Sitzung der AG Arbeit, Aus- und Weiterbildung der Plattform Industrie 4.0; Invited talk, Heidelberger Druckmaschinen AG. |
| 2015 | Economic Forum of the Münster’s Chamber of Crafts (Handwerkskammer Münster); Invited talk at expert meeting in the BMWi.   |
| 2014 | Invited Seminar, Faculty of Economics, Utrecht University.   |

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## CONFERENCE PRESENTATIONS AND SEMINAR TALKS

- 2018 Annual Congress of the EALE, Lyon, Annual Congress of the SOLE, Toronto; IAB Workshop on "Technological progress and the labour market", Nuremberg.
- 2017 Annual Congress of the American Economic Association (AEA), Chicago; IZA Workshop: Labor Productivity and the Digital Economy, OECD, Paris.
- 2016 Workshop "Zukunftsprojekt Arbeitswelt 4.0", Stuttgart; Annual Congress of the German Economic Association (VfS); Annual Congress of the European Association of Labour Economists (EALE), Ghent; Workshop on "New Empirical Developments Health and Labor Markets", KU Leuven.
- 2015 Annual Congress of the Society of Labor Economists (SOLE), Montreal; Annual Congress of the European Economic Association (EEA), Mannheim; Annual Congress of the VfS, University of Münster.
- 2014 Annual Congress of the SOLE, Washington DC.
- 2013 Junior Research Dialogue in Applied Econometrics, University of Mannheim; Geoffrey J.D. Hewings Regional Economics Workshop, Austrian Institute of Economic Research (WIFO), Vienna; European Workshop on "Labour Markets and Demographic Change", Vienna Institute of Demography, Vienna; Annual Congress of the European Regional Science Association (ERSA), Palermo.
- 2012 Interdisciplinary Ph.D. Workshop on "Perspectives on (Un-) Employment", IAB Nuremberg; Annual Congress of the ERSA, University of Bratislava; Annual Congress of the VfS, University of Göttingen; Annual Congress of the European Society of Population Economics (ESPE), University of Bern; Annual Congress of the EALE, IZA Bonn.
- 2011 Annual Congress of the ERSA, University of Barcelona; Summer Conference of the German Speaking Section of the Regional Science Association (RSA), Dresden University of Technology; Annual Congress of the ESPE, Zhejiang University, Hangzhou.
- 2010 Interdisciplinary NORFACE Migration Network Conference on "Migration: Economic Change, Social Challenge", University College London; Interdisciplinary Ph.D. Workshop on "Perspectives on (Un-) Employment", IAB Nuremberg; International Workshop on "Flexibility in Heterogeneous Labour Markets", IAB Nuremberg; International Workshop of the Regional Studies Research (RSA) Network on "Geographical Localisation, Intersectoral Reallocation of Labour and Unemployment Differentials" (GLUNLAB-3), University of Bologna, Rimini; International Workshop on "Flexibility in Heterogeneous Labour Markets", ZEW Mannheim.
- 2009 Central European Conference in Regional Science (CERS), Technical University of Kosice, Slovakia.

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## LANGUAGE AND COMPUTER SKILLS

Language	German (native), English (fluent)
Computer	MS Office, STATA, L <sup>A</sup> T <sub>E</sub> X

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