

# CURRICULUM VITAE

## Robert Hill

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### ACADEMIC QUALIFICATIONS

2020 – present: PhD in Economics candidate (UCT)

Thesis topic: Curriculum change as a catalyst for social change: The case of prosocial behaviour, throughput and academic intervention in UCT economics. Supervisors: Prof. C. van Walbeek & Prof. J. Burns

2017 – 2019: M.Com. in Applied Economics (UCT)

Thesis topic: Does IEB make the grade? Alternative testing methods and educational outcomes: The case of the IEB in South Africa. Supervisor: Prof. H. Bhorat.

2016: B.Com. Honours in Economics, awarded in the first class (UCT)

Thesis topic: Modelling Banking Crises: Credit Risk Determinants in the South African Banking Sector. Supervisor: Prof. E. Nikolaidou

2015: B.Sc. Mathematics (with distinction) and Economics (with distinction), and the degree with distinction (UCT)

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### EMPLOYMENT

June 2018 – present      Junior Research Analyst, Development Policy Research Unit, University of Cape Town

Dec 2016– present      Part-time junior lecturer and course convener (School of Economics, UCT) – Intermediate Microeconomics, Advanced Micro and Macroeconomics; Econometrics; and Honours Mathematics

July 2014 – June 2018      Tutor/teaching assistant (School of Economics, UCT) – various undergraduate courses; Honours mathematics, microeconomics and econometrics; Masters econometrics

July 2015 – June 2017      Head Tutor (School of Economics, UCT) – Cooperation and Competition (2015); Advanced Micro and Macroeconomics (2016 & 2017) ; Quantitative Methods in Economics (2016)

Jan 2013 – Dec 2014      Part-time substitute teacher (St. Dominic’s Academy Newcastle) for Mathematics, Dramatic Arts and Accounting; revision workshop leader for Gr12 Physical Sciences and Mathematics

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### OTHER QUALIFICATIONS/COURSES COMPLETED

1. Topics in the Economics of Education. 2020. 1-3 December. Economic Research Southern Africa short course.
  2. Analysing Spatial Data in R. 2020. 20-24 January. DataFirst short course, University of Cape Town.
  3. Introduction to Python for Economists. 2019. 25-29 November. School of Economics short course, University of Cape Town.
  4. Toastmaster’s public speaking course. 2011. Instructor: Ms. R. Bemat.
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5. International Computer Driving License (ICDL). 2010.
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## WORKING PAPERS

1. Köhler, T. and Hill, R. 2021. The distribution and dynamics of South Africa's TERS policy: Results from NIDS-CRAM Waves 1-5. National Income Dynamics Study Coronavirus Rapid Mobile Survey (NIDS-CRAM) Working Paper, Wave 5(7).
2. Köhler, T., Bhorat, H., Hill, R. and Stanwix, B. 2021. COVID-19 and the labour market: Estimating the employment effects of South Africa's national lockdown. Development Policy Research Unit Working Paper 202107. DPRU, University of Cape Town.
3. Allen Whitehead, C. Bhorat, H., Hill, R., Köhler, T. and Steenkamp, F. 2021. The Potential Employment Implications of the Fourth Industrial Revolution Technologies: The Case of the Manufacturing, Engineering and Related Services Sector. Development Policy Research Unit Working Paper 202106. DPRU, University of Cape Town.
4. Van Walbeek, C., Hill, R., Filby, S., van der Zee, K. 2021. Market impact of the COVID-19 national cigarette sales ban in South Africa. National Income Dynamics Study Coronavirus Rapid Mobile Survey (NIDS-CRAM) Working Paper, Wave 3(11).
5. Allen, C., Asmal, Z., Bhorat, H., Hill, R., Monnakgotla, J. Oosthuizen, M. and Rooney, C. 2021. Employment creation potential, labor skills requirements, and skills gaps for young people: A South African case study. Africa Growth Initiative at Brookings. AGI Working Paper 26.
  - Also published as: Allen, C., Asmal, Z., Bhorat, H., Hill, R., Monnakgotla, J., Oosthuizen, M. and Rooney, C. 2021. Employment creation potential, labor skills requirements, and skill gaps for young people: A South African case study. Development Policy Research Unit Working Paper 202102. DPRU, University of Cape Town.
6. Hill, R. and Köhler, T. 2020. Mind the gap: Analysing the effects of South Africa's national lockdown on gender wage inequality. National Income Dynamics Study Coronavirus Rapid Mobile Survey (NIDS-CRAM) Working Paper, Wave 2(7).
  - Updated version: Hill, R. and Köhler, T. 2021. Mind the gap: Analysing the effects of South Africa's national lockdown on gender wage inequality. Development Policy Research Unit Working Paper 202101. DPRU, University of Cape Town.
7. Bhorat, H., Hill, R., Khan, S., Lilenstein, K and Stanwix, B. 2020. The Employment Tax Incentive Scheme in South Africa: An Impact Assessment. Development Policy Research Unit Working Paper 202007. DPRU, University of Cape Town.
8. Hill, R., Lilenstein, K. and Thornton, A. 2020. Job spells in an emerging market: Evidence from apartheid and post-apartheid South Africa. WIDER Working Paper 2020/27. Helsinki: UNU-WIDER.
9. Bhorat, H., Allen, C., Asmal, Z., Hill, R. and Rooney, C., 2020. Employment Creation Potential, Labor Skills Requirements, and Skill Gaps for Young People: A Methodological Framework. Africa Growth Initiative at Brookings. AGI Working Paper 25.
10. Allen, C., Bhorat, H., Hill, R., Rooney, R. & Steenkamp, F. 2019. Building economic complexity in the South African fibrous plant economy. DPRU DSI-NRF CoP Working Paper 201904. DPRU, University of Cape Town.
11. Hill, R. 2019. Does IEB make the grade? Alternative testing methods and educational outcomes: The case of the IEB in South Africa. DPRU Working Paper 201904. DPRU, University of Cape Town.

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## POLICY BRIEFS

1. Bhorat, H., Hill, R. and Steenkamp, F. 2021. Labour Force Survey Data for South Africa: A Brief Assessment. Policy Briefing. Monetary and Fiscal Policy Challenges posed by South Africa's Deepening Economic Crisis and the COVID-19 pandemic. WITS School of Governance: Johannesburg.
  2. Hill, R. and Köhler, T. 2020. Mind the gap: Analysing the effects of South Africa's national lockdown on gender wage inequality. Policy Brief. National Income Dynamics Study Coronavirus Rapid Mobile Survey (NIDS-CRAM) Policy Brief, Wave 2(7).
  3. Hill, R. and Steenkamp, F. 2019. Developing Capabilities to Build the Complexity of the Fibrous Plant Economy in South Africa. DPRU DSI-NRF CoP Policy Brief 4.
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## OTHER ARTICLES AND BLOGS

1. Köhler, T. and Hill, R. 2021. TERS payment period should be extended if job losses are to be minimised. Daily Maverick Op-Ed. 8 July. [Online] Available: <https://tinyurl.com/2k3e7n4e>
  2. Van Walbeek, C., Hill, R., Filby, S. and van der Zee, K. 2021. Tobacco sales: smoked out. Financial Mail Op-Ed. 17 February. [Online] Available: <https://tinyurl.com/1bzizuqr>
  3. Hill, R. and Köhler, T. 2020. Women's wage woes during the Covid-19 lockdown. Daily Maverick Op-Ed. 30 September. [Online] Available: <https://tinyurl.com/4escom19>
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## CONFERENCE PAPERS AND PRESENTATIONS

1. "Mind the gap: The distributional effects of COVID-19 on South African gender wage inequality". 5<sup>th</sup> Annual IZA/World Bank/NJD/UNU-WIDER Jobs and Development Conference: Better Jobs for Development 2021 Session 2A: COVID-19, Pandemic, Jobs and Development (II). WebEx conference. 2 September 2021.
2. "Mind the gap: The distributional effects of South Africa's national lockdown on gender wage inequality". International Association for Feminist Economics 29<sup>th</sup> Annual Conference. Panel discussion: Exploring the mechanisms behind the Disproportionate Impact of the COVID-19 Pandemic on Women around the World. Zoom conference. 23 June 2021.
3. "A Quantitative Review of the Employment Tax Incentive". Research Seminar. National Treasury: Republic of South Africa. Remote presentation. 24 November 2020.
4. "A Quantitative Review of the Employment Tax Incentive". ETI Research Presentation. Global Business Solutions. Zoom webinar. 20 October 2020.
5. "Building Economic Complexity in the South African Fibrous Plant Economy". CoP Workshop. Developing a Fibre Micro-industry to Generate Economic Growth from Degraded Land Post-Mining: Building Inclusive Growth through Economic Complexity. Sandton: South Africa. 17 October 2019.
6. "The Fibrous Plant Industry in South Africa: A Product Space Mapping." CoP Workshop. Fibrous Futures: Resilience & Realism: Analysing the legal and economic complexities of the South African fibrous plant micro-industry. Cape Town: South Africa. 30 July 2019.

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## OTHER RESEARCH OUTPUT

1. Oosthuizen, M., Allen, C. and Hill, R. 2020. Preparing for an ageing society. Evidence Brief. Report commissioned by UNFPA Botswana.
  2. Oosthuizen, M., Allen, C. and Hill, R. 2020. Capitalising on Botswana's young people. Evidence Brief. Report commissioned by UNFPA Botswana.
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3. Borat, H., Hill, R. and Steenkamp, F. 2020. Employment and wage dynamics in South Africa: A brief and basic empirical overview. Development Policy Research Unit.
4. Borat, H., Hill, R., Köhler, T., Monnagotla, J. and Steenkamp, F. 2020. Understanding economic complexity in the merSETA space with the focus on SMMEs: Situational analysis. Report commissioned by merSETA.
5. Borat, H., Allen, C., Asmal, Z., Hill, R. and Rooney, C. 2019. Addressing Africa's youth unemployment through industries without smokestacks. Report commissioned by the Brookings Institution. Development Policy Research Unit.
6. Borat, H., Hill, R., Lilenstein, A., Monnagotla, J. 2019. Temporary employment services in South Africa: A wage and employment empirical update.
7. Borat, H., Hill, R. and Thornton, A. 2018. The Comoros: A Brief Labour Market Profile. Report commissioned by the World Bank.
8. Asmal, Z., Borat, B., Ewinyu, A., Hill, R., Khan, S., Monnagotla, J. and Oosthuizen, M. 2018. Gender analysis of the Department of Trade and Industry's Sector-Specific Assistance Scheme. Report commissioned by the South African Department of Women.

## **RESEARCH INTERESTS**

Labour economics; the economics of education; behavioural economics; econometrics.