

Curriculum Vitae: Dr Talent Thebe Zwane

Talent Zwane
School of Economics
ttzwane@uj.ac.za
ttzwane04@gmail.com

University of Johannesburg
PO Box 524 Auckland Park 2006
Johannesburg
Tel: 011 559 3126

Summary of CV

Talent Thebe Zwane is a senior lecturer in the School of Economics, University of Johannesburg (UJ). He has been with UJ since April 2009. Dr Talent Zwane has more than twelve years' experience in the teaching of several modules at both undergraduate and postgraduate level. He is also a researcher in the field of development economics. His papers have appeared in reputable international journals, including, *Journal of Developing Areas*, *Economia Internazionale/International Economics*, *Frontiers in Finance and Economics*, *Journal of Economic Cooperation and Development*. His work can be found on google scholar and research-gate. Dr Zwane has supervised both PhD and masters' students in the field of Development Economics and has been an external examiner of both PhD and Masters' theses. Talent Zwane has served on several boards and committees in the University of Johannesburg. Dr Zwane has been recently nominated by the Executive Dean (College of Business and Economics) and appointed by the Vice-Chancellor and Principal to be an additional Senate member of the University of Johannesburg.

Education and Qualifications

PhD (Economics), *University of Johannesburg*, South Africa. Obtained in 2018

Thesis: Assessing the Determinants and Effects of Non-Monetary Household Asset Poverty in South Africa.
<https://eur01.safelinks.protection.outlook.com/?url=https%3A%2F%2Fujcontent.uj.ac.za%2Fvital%2Faccess%2Fservices%2FDownload%2Fuj%3A30601%2FSOURCE1&data=05%7C01%7Cttzwane%40uj.ac.za%7C7382e8860103401d701808db0051f0e7%7Cfa785acd36ef41bc8a9489841327e045%7C1%7C0%7C638104124175969397%7CUnknown%7CTWFpbGZsb3d8eyJWIjojMC4wLjAwMDAiLCJQIjoiV2luMzliLCJBTiI6IjEhaWwiLCJXVCI6Mn0%3D%7C3000%7C%7C%7C&sdata=essINcC1zTzB5ReP0Tm9U%2Fug3rxJjXzZe5Q1Sk3uxM%3D&reserved=0>

M.Com (Economics), *University of Johannesburg*, South Africa, Obtained in 2010

Dissertation: The Impact of Regulations on Small Business in the Republic of South Africa.

BA (Hons) *Economics*. *University of Johannesburg*, South Africa, Obtained in 2005

BA (Education). *Vista University*• Obtained in 1999

Skills

Talent Zwane has considerable experience in teaching at a tertiary level and solving real world problems in finance and economics, using classical statistical analysis. In addition, Dr Zwane is proficient in the following packages: Windows, Word, Excel, PowerPoint, STATA, E-views.

Professional experience

University of Johannesburg• *Senior Lecturer of Economics*• 2019 - Date

University of Johannesburg• *Lecturer of Economics*• 2010 - 2019

University of Johannesburg• *Contract Lecturer of Economics*• 2009 – 2010

Academic work experience at high school level

Gauteng Department of Education• *Educator*• 2000 – 2009

Research Areas of Expertise

Development economics, social protection, financial economics, International Finance, micro-finance, microeconomics, macroeconomics.

- i. I am a member of a research group, “Economic Development and Well-being Research Group (EDWRG)”, which was formed in January 2018. The EDWRG is a collaborative research group consisting of both postgraduate students and academics who share a passion in the field of development economics and well-being. As a research group, we aim to publish high-quality, relevant research, which addresses the developmental and well-being challenges in Africa. Furthermore, we aim to develop young researchers through skills transfer and skills development and to give them access to the gateway of internationally recognised research. This is an interesting research group with its own website. For a detailed description of the work we do, visit us on, “<https://www.uj.ac.za/edwrg>”.
- ii. I am a research grants coordinator for the EDWRG “<https://www.uj.ac.za/edwrg>”.

Special Appointments and Guest Speaker

- i. **SENATE Member:** Nominated by the Executive Dean (College of Business and Economics) and appointed by the Vice-Chancellor and Principal to be an additional Senate member of the University of Johannesburg — **2021 to date.**
- ii. **Guest Speaker:** In its endeavor to be attentive and responsive to the issues of youth unemployment as well as other pressing issues central to the Gauteng citizens, the Oversight Committee on the Premier's Office and the Legislature (OCPOL) identified the need to hold a workshop under the topic: *Curbing youth unemployment crisis: exploring youth appropriate strategies for Gauteng*. Given his skills in this field, Dr Zwane was invited to participate as a Guest Speaker in the form of a brief presentation under the topic: *Strategies that will assist in absorbing youth into the mainstream economy as a way of reducing youth unemployment* — 27 to Friday, 28 January 2022 — Johannesburg City Hall.
- iii. **Chairperson:** Parallel 4 — **Theme:** Enterprise and Trade Finance. Virtual Global Development Finance Conference — **17 November 2021.**

Notable Short Courses Undertaken

1. **2023: Nairobi, Kenya: 10 days** training workshop on Time Series Data Analysis and Modelling using Stata, held from *06/02/2023 to 17/02/2023* in Nairobi, Kenya covering the following topics:
 - Time Series Models • ARIMA models • Structural time series models • Explanatory variables and intervention analysis • State space models and the Kalman filter. • Signal extraction. • Missing observations and other data irregularities • Spectral analysis • Spectra of ARMA processes; stochastic cycles; linear filters; estimation of spectrum • Trends and cycles • Analysis of the effects of moving average and differencing operations • Hodrick-Prescott and band-pass filters.
2. **2022: Nairobi, Kenya: 5 days** training workshop on longitudinal/panel and time series data analysis using Stata held from *24/10/2022 to 28/10/2022* in Nairobi, Kenya.
3. **2022: Britain/United Kingdom:** Econometrics Summer School held at *Wolfson College, University of Cambridge*. The three courses forming the 2022 Econometrics Summer School, Cambridge were.
 - a) *Course one*, 1 - 2 August 2022: Linear and Nonlinear Time Series Models and their Applications (delivered by Prof. Andrew Harvey and Dr Rutger Lit).
 - b) *Course two*, 3 - 4 August 2022: Macroeconomic Modelling, Machine Learning and Forecasting (delivered by Prof. Sean Holly).

- c) *Course three*, 5 - 6 August 2022: Micro-econometrics and Methods for Machine Learning (delivered by Dr. Melvyn Weeks).
4. **2020:** Two days applied econometrics online workshop presented by Professor CF Baum (*Boston College - Chestnut Hill MA, USA*): October 2020; Hosted by the EDWRG and School of Economics at the University of Johannesburg.
 5. Five-days short course in understanding panel data survey at *University of Cape Town* - 2017.
 6. AAMP teaching portfolio workshop on 22 - 23 September 2016 in Pretoria "*Kievits Kroon*".
 7. Panel data analysis using Stata Instructor: Dr. BD Simo Kengne. Department of Economics and Econometrics Seminar room. *University of Johannesburg*.
 8. STATA Workshop, SALDRU (*University of Cape Town*).
 9. AAMP Writing retreat 25-27 January 2017. *Sunnyside Park Hotel*.
 10. Attended a five-day short course in understanding panel data survey at *University of Cape Town* – 2016 and 2017.
 11. Attended a training on Analyzing NIDS Waves 1 and 2 using STATA at the University of Cape Town (UCT) 2 – 6 July 2012, by Professor Murray Leibbrandt, Ingrid Woolard, Arden Finn and Sibongile Musundwa of *University of Cape Town*.
 12. Research Methodology for postgraduate students – University of Johannesburg, 2010.

Leadership, Committee and Board Membership:

- i. **Member**, School of Economics Management Committee (*SEMC*) – **2018 to date**;
- ii. **Member**, School of Economics Higher Degree Committee (*SEHDC*) – **2018 to date**;
- iii. **Member**, School of Economics Teaching and Learning Committee (*SoETLC*) – **2018 to date**
- iv. **First Year Cluster Coordinator (with over 3 000 students)**;
- v. **Internal moderator**, (Diploma – *ECO11A1/FSE11A1 and ECO11B1/FSE11B1*; Advanced Diploma Bridging – *ADBE01A*; Economic principles – *ACIECPR*);
- vi. **Coordinator of the 1st year cluster (over 3000 students) – 2016 to date.**

Prices and Awards

2015 – Received Research Grant for my PhD research project from the University of Johannesburg (R120 000)

2013 – Received Research Grant for my PhD research project from the University of Johannesburg (R80 000)

2011 — Received a certificate of recognition for participation in the Staff Qualification Programme for Masters (UJ).

2014 — Received a certificate from the University of Johannesburg in partnership with SANTRUST for attending the following modules in the PhD Proposal Development Programme:

Module 1: Introduction to the programme and the role of theory;

Module 2: Research problem and questions;

Module 3: Research designs;

Module 4: Overview of qualitative and quantitative methods;

Module 5: Dealing with data;

Module 6: Defending the research proposal.

2019 — Received a certificate for excellent achievement in “PhD” from the College of Business and Economics in a gathering held at the University of Johannesburg.

Research Profiles

Google Scholar: <https://scholar.google.com/citations?hl=en&user=Q0QnIHsAAAAJ>

ORCID ID: <https://orcid.org/0000-0003-4039-9944>

Research Gate Account: <https://www.researchgate.net/profile/Talent-Zwane>

Scopus profile: <https://www.scopus.com/authid/detail.uri?authorId=57211668523>

Research and Publications: DHET Accredited Journal Articles

1. Mathumo, L. Maleka, R. & Zwane, T. (2023). A panel VECM analysis of the banking sector, access to finance and economic growth: Evidence from SADC region. *International Journal of Economics and Financial Issues*, forthcoming
2. Udimal, T. Biyase, M. Eita, H. & Zwane, T. (2023). The nexus between military spending and income inequality in BRICS nations. *Journal of developing areas*, forthcoming.
3. Zwane, T. Udimal, T. & Pakmoni, L. (2023). Examining the drivers of agricultural carbon emissions in Africa: an application of FMOLS and DOLS approaches. *Environmental Science and Pollution Research*, Published online <https://doi.org/10.1007/s11356-023-25173-8>

4. Biyase, M. **Zwane, T.** Mncayi, P. & Maleka, M. (2023). Do Technological Innovation and Financial Development Affect Inequality? Evidence from BRICS Countries. *International Journal of Financial Studies* 11 (1): 43. <https://doi.org/10.3390/ijfs11010043>;
5. **Zwane, T.** Biyase, M & Rooderick, S. (2022). Assessing the impact of social grants on household welfare using propensity score matching approach. *International Journal of Development Issues*, <https://www.emerald.com/insight/content/doi/10.1108/IJDI-01-2022-0024/full/html>
6. **Zwane, T. T. (2022)**. Socio-economic status of households and the determinants of asset poverty: A case of South Africa. *International Journal of Economics and Financial Issues*, 12(4): 114–122. <https://doi.org/10.32479/ijefi.12975>
7. Biyase, M. Eita, J. Udimal, T. & **Zwane, T.** (2022). Military spending and inequality in South Africa: an ARDL bound testing approach to cointegration. *Economia Internazionale/International Economics*, 75, (2): pp. 241-268. <http://iei1946.it/en/rivista-articolo.php?id=354>
8. **Zwane, T. (2021)**. Determinants of savings in urban and rural households: Case of South Africa. *Demografia ta sotsialna ekonomika - Demography and Social Economy*, 4 (46): pp. 151-168. <https://doi.org/10.15407/dse2021.04.151>
9. **Zwane, T.** Biyase, M. & Binda, T. (2021). Institutions and technical efficiency: A stochastic frontier approach. *Economia Internazionale/International Economics*, 74 (4): pp. 415-438. http://iei1946.it/upload/rivista_articoli/allegati/423_biyase-et-al-ricfinal.pdf;
10. **Zwane, T. (2020)**. The causal effect of education on earnings in urban and rural South Africa: A further update. *Demografia ta sotsialna ekonomika - Demography and Social Economy*, 1(39): pp. 79-94. <https://doi.org/10.15407/dse2020.01.079>
11. **Zwane, T.** Biyase, M. Maleka, M. & Maluleka, A. (2020). Technical efficiency and economic growth in the SADC Region. *Economia Internazionale/International Economics*, 73(2): pp. 307-324. http://www.iei1946.it/upload/rivista_articoli/alle...e-et-al-ricfinal.pdf
12. Maleka, M. Biyase, M. & **Zwane, T.** (2019). General government debt and growth in SADC Countries. *Demography and Social Economy*, 3(37): pp. 099–112. [10.15407/dse2019.03.099](https://doi.org/10.15407/dse2019.03.099)
13. Biyase, M. **Zwane, T.** & Rooderick, S. (2019). Assets and poverty alleviation in South Africa: Evidence from the Income Dynamics Study. *The Journal of Economic Cooperation and*

Development, 40 (1): pp. 55-78. <https://www.semanticscholar.org/paper/Assets-and-Poverty-Alleviation-in-South-Africa%3A-the-Biyase-Zwane/acead69616d1a2bfb2a193be13e622d23490eedd>

14. Biyase, M. & **Zwane, T.** (2018). An empirical analysis of the determinants of poverty and household welfare in South Africa. *The Journal of Developing Areas*, 52(1): pp. 122-137. [10.1353/jda.2018.0008](https://doi.org/10.1353/jda.2018.0008)
15. Biyase, M. **Zwane, T.** & Rooderick, S. (2017). Do social grants displace remittances? Evidence from South Africa. *International Business and Economics Research Journal*, 16 (4): pp. 275-284.
16. **Zwane, T.** Greyling, L. & Maleka, R. (2016). The determinants of household savings in South Africa: a panel data approach. *International Business and Economics Research Journal*, 15 (4): pp. 209-218. [10.19030/iber.v15i4.9758](https://doi.org/10.19030/iber.v15i4.9758)
17. Biyase, M. & **Zwane, T.** (2016). The impact of the child support grant on grade repetition and child hunger: evaluating the South African experience using propensity score matching. *Studia Universitatis Babeş-Bolyai Oeconomica*, 61 (2): pp. 68-78. http://studiaoeconomica.reviste.ubbcluj.ro/Abstract/volume612/abstract_05.pdf
18. Biyase, M. & **Zwane, T.** (2016). Military spending and economic growth: Evidence from the Southern African Development Community. *Frontiers in Finance and Economics*, 13(2): pp. 73-89. <https://www.semanticscholar.org/paper/Military-Spending-and-Economic-Growth-%3A-Evidence-Zwane/d6abb09a08567d042d804daac2b535a781485bd5>
19. Biyase, M. & **Zwane, T.** (2015). Economic growth and government expenditures in Africa: panel data analysis. *International Journal of Environmental Economics*, 6 (3), 2015: pp. 15-19.
20. Biyase, M. & **Zwane, T.** (2015). Does education pay in South Africa? Estimating returns to education using two-stage least square approach. *International Business and Economics Research Journal*, 14 (6): pp. 807-814. <https://doi.org/10.19030/iber.v14i6.9508>
21. Biyase, M. & **Zwane, T.** (2014). Is the export-led growth hypothesis valid for African countries? An application of panel data approach. *Public and Municipal Finance*, 3 (2): pp. 30-34. https://businessperspectives.org/images/pdf/applications/publishing/templates/article/assets/5863/P_MF_2014_02_Biyase.pdf

Working papers

1. Kirsten, F., Biyase, M., & **Zwane, T.** (2022). The impact of poverty on the ecological footprint in BRICS countries. EDWRG Working Paper Number 01-22.
2. Biyase, M. Eita, H. Udimal, T. & **Zwane, T.** (2022). Military Spending and Inequality in South Africa: An ARDL Bounds Testing Approach to Cointegration. EDWRG Working Paper Number 05-2022.
3. Eita, H. Biyase, M. Udimal. T. & **Zwane, T.** (2022). Does military spending affect inequality in South Africa? A revisit. EDWRG Working Paper Number 03-2022.

Some Key Collaboration and Projects

1. Military spending and inequality in South Africa: an ARDL bound testing approach to cointegration — Dr Thomas Bilaliib Udimal — School of Economics and Management, *Southwest Forestry University, China* — Published in “*Economia Internazionale/International Economics*”
2. Does military spending affect inequality in South Africa? A revisit — Dr Thomas Bilaliib Udimal — School of Economics and Management, *Southwest Forestry University, China*.
3. The nexus between military spending and income inequality in BRICS nations — Dr Thomas Bilaliib Udimal — School of Economics and Management, *Southwest Forestry University, China*.
4. Financial Development, Technological Innovation and inequality in BRICS — Dr Precious Mncayi — School of Economics and Management, *North-West University, South Africa*.
5. Ecological footprint and population health outcomes: an analysis of E7 countries — *Prof Tajul Ariffin Masron from Universiti Sains Malaysia, Malaysia*.

Selected Theses Examinations: PhD Theses

1. Examination of a PhD theses for Bantayehu Tamrie Alemu (2022) entitled “Multidimensional rural poverty across agro-ecologies in Ethiopia: Evidence from the three districts” — *Indian Institute of Technology Roorkee (<https://www.iitr.ac.in>): Centre/Department of Humanities and Social Sciences* — Student Number: 18916004.
2. Appointed by the Dean Academic Affairs, IIT Roorkee to be an external member of Oral Defence Committee (ODC) to conduct the Viva Voce Examination for Bantayehu Tamrie Alemu (2022): at **2.30 pm Indian Time (11.00 am South African Time)** on **April 28, 2022**.

Selected Theses Examinations (External): M. Com Degree

1. Shedi, O. (2022). *The impact of compensating women for hours of unpaid care work on household poverty*. Masters' report, School of Economics and Finance, University of the Witwatersrand, South Africa — Student number 2226012.
2. Mmbulaheni, A.G. (2022). *Determinants of tax revenue performance in South Africa for the period 1990-2018*. M-Com mini-dissertation, Department of Economics; School of Management Sciences University of Venda, South Africa — Student Number 11632007.
3. Zungu, T. (2020). *Economic growth and income inequality: Testing for non-linear effects among SADC countries, 1990-2015*. M-Com mini-dissertation, Department of Economics, University of Zululand, South Africa — Student number 201329218.
4. Sithole, V. (2020). *An analysis of housing quality in South Africa: Former vs non-former homeland areas*. Masters' research, School of Economics and Finance, University of the Witwatersrand, South Africa — Student number 479523.

Selected Theses Examinations (Internal): M. Com Degrees

1. Godana, N.C. (2022). *Assessment of entrepreneurial intentions for adults: The case of Mabalaastad village in the North-West province*. M-Com mini-dissertation, School of Economics, University of Johannesburg, South Africa — Student number 216015405.
2. Bila, S.N. (2021). *Determinants of subjective poverty in rural and urban areas of South Africa*. M-Com mini-dissertation, School of Economics, University of Johannesburg, South Africa — Student number 219053265.
3. Mbakwe, U.S. (2019). *Challenges facing Nigerian-immigrant business owners in Johannesburg CBD*. M-Com mini-dissertation, School of Economics, University of Johannesburg, South Africa. — Student number 201491438
4. Msane, Y.A. (2019). *The impact of infrastructure on FDI inflow*. M-Com mini-dissertation, School of Economics, University of Johannesburg, South Africa. — Student number 201459570.

5. Rooderick, S. (2017). *Economic impact of Non-governmental organizations in improving the well-being of vulnerable orphaned children in Soweto*. M-Com mini-dissertation, School of Economics, University of Johannesburg, South Africa — Student number 200730488.

Moderation of External Courses: Masters' Programme

External examiner for a masters' programme offered at Wits University within the School of Economics and Finance (2020 to date).

External examiner: 3rd Year

External examiner for third year modules on Labour Economics and International Economics offered — University of Zululand within the Faculty of Commerce, Administration and Law — 2020 to date.

Doctorate Supervision – In progress

1. Molise, M.P. (201284072). *Local Economic Development as a Catalyst of Social Enterprises in Gauteng* — **Co-supervisor**.
2. Chego, A.K. (200827004). *Corporate Social Responsibility as a Catalyst of Social Local Economic Development in Small Rural Mining Municipalities* — **Co-supervisor**.

Masters' Supervision

1. Shabangu, L. (217075739). *Determinants of household savings in rural and urban areas of South Africa* — **Completed 2022**.
2. Magayiyana, L.E. (201217956). *Determinants of subjective well-being in South Africa* — **Completed 2022**.
3. Mathumo, L. (201038052). *The relationship between the banking sector's competitions, firm's access to finance and economic growth in SADC countries* — **Completed 2022**.
4. Nagalingam, S. (200509608). *The impact of South Africa's approach to skills development on the economy* — **Completed 2018**.
5. Luthuli, S. (201133978). *The impact of industrial policy on poverty in South Africa: A case study of the Eastern Cape's industrial development zones* — **Completed 2017**.

6. Maphwanya, R. (90976761). *An assessment of cartel likelihood, duration and deterrence in South Africa* — **Completed 2016.**

Masters' Supervision in Progress

1. Khabela, K. (201131830). *A Comparative analysis of the determinants of rural and urban household subjective well-being in South Africa* — **in progress.**

Honours Supervision

1. Sibeko, N. (201504346). The empirical analysis of asset poverty in rural areas: evidence from Hlokozi Village.
2. Chuma, A. (201401708). The determinants of household asset poverty in South Africa — evidence from longitudinal survey.
3. Tshabalala, F. (201119736). The determinants of households saving decision in South Africa — a panel data approach.
4. Zondani, A. (217080257). The determinants of poverty in rural areas of South Africa — evidence from National Income Dynamics Study.
5. Mushiana, M. (201577394). The role of education on poverty eradication in South Africa.
6. Lebudi, M. (217093186). The determinants of savings in South Africa — evidence from panel survey data.
7. Shilubane, N. (2013030961). Poverty in South Africa
8. Mbeki, M. (217048613). Economic growth and education in South Africa.
9. Mdubane, A. (201414792). Micro economic analysis of poverty in South Africa — panel data approach.
10. Diale, M. (201109712). Sustainability and poverty in South Africa.

Teaching Responsibilities

I have taught economics at different levels — first year diploma, first year degree, second year degree, third year degree, honours' and masters. The following is a summary of my teaching assignments at the University of Johannesburg since 2009:

1. Masters — Local Economic Development (2017 — 2019).
2. Honours — Macro-Economics (2018 — to date).
3. Economics 3 Degree — International Economic Theory and Policy (2016 — to date).

4. Economics 1 Degree — Micro and Macroeconomics (2017— date).
5. Economics 1 Diploma — Micro and Macroeconomics (2009-2016).

Conference Presentations

- i. **Presenter:** Virtual Global Development Finance Conference — 17 November 2021: *Determinants of savings in South Africa: Urban and rural household compared. 16 - 17/11/2021.*
- ii. **Presenter:** Virtual Global Development Finance Conference — 17 November 2021: *Socio-economic status of households and the determinants of asset poverty: A case of South Africa. 16 - 17/11/2021*
- iii. **Presenter:** **ESSA Conference:** *The determinants of asset poverty in South Africa: evidence from South Africa. 2017*
- iv. **Presenter:** **ESSA Conference:** *The determinants of household savings in South Africa: a panel data approach. 2015*
- v. 2012 **Value Conference:** *A test of the life cycle hypothesis of household savings in the top ten emerging markets.*
- vi. 2011 **ESSA Conference:** *An export-led growth (ELG) paradigm: an application of panel data approach.*
- vii. 2011 **ESSA Conference:** *The robustness of wagners law: Evidence from Africa.*

External Academic Citizenship: Reviewer Services in Academic Journals

I have reviewed papers for the following journals:

- i. “Socioeconomic Determinants of Poverty and Average Exit Time: Case of Rural of Rural Households in Southwestern Nigeria”, *for Poverty and Public Policy: Reviewed on 13-Aug-2021.*
- ii. “Technological Innovation and Economic Growth in Southern Africa: Application of Panel Dynamic OLS Regression”: *for Development Southern Africa”: Reviewed on 25-Aug-2021.*
- iii. “ “, *Journal of Developing Areas*; Reviewed on
- iv. “Life Insurance and Economic Growth in South Africa”, *for Economia Internazionale/International Economics*”: **Reviewed on 22-Jul-2021.**

- v. “The Differential Impacts of Socioeconomic Status on Vulnerability in Urban Contexts: A Probit Analysis of Older Women in the United States”, *for International Journal of Urban Sustainable Development*”: **Reviewed on 03-Nov-2020.**

Membership to Professional Bodies/Associations

- i. Member – Economic Society of Southern Africa

REFERENCES

1. Name: Prof Joel Hinaunye Eita

Affiliation: Director of School of Economics - University of Johannesburg

Email: jeita@uj.ac.za;

2. Name: Prof Lorraine Greyling

Affiliation: Dean of the Faculty of Commerce, Administration and Law; University of Zululand

Email: GreylingL@unizulu.ac.za