

Troy D. Thomas
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Summary of Qualifications

- PhD; 2014: Comparative Science of Cultures (focus on survey methodology): Ghent University.
- Master after Master of Social Sciences; 2010: Quantitative Analysis in the Social Sciences: University of Leuven.
- Master of Social Sciences; 2008: Development, Policy & Analysis: University of Guyana.
- Post-Graduate Diploma in Education; 2009: Mathematics: University of Guyana.
- Bachelor of Sciences; 2005: Mathematics: University of Guyana (completed final year at York University).
- Trained Teacher's Certificate; 2001: Mathematics: Cyril Potter College of Education.

Work Experience

Lecturer: University of Guyana; Faculty of Natural Sciences, Department of Mathematics Physics and Statistics; September 2005 – Present

- Curriculum Development
 - Worked with a team from the University of Guyana and the University of California San Francisco to develop the curriculum for a Master of Public Health degree at the University of Guyana.
 - Currently functioning as the course director for the Biostatistics component of the Master of Public Health degree.
 - Developed and upgraded Statistics courses in the Faculty of Natural Sciences.
- Contributed to the planning and execution of a symposium on Religion and Science for Environmental Sustainability. Chaired two segments of the activities
- Proposed and implemented a Young Academics' Society in the Faculty of Natural Sciences with the aim of getting young lecturers started with research.
- Executed workshops on statistical analysis using SPSS and on research methodology as part of the Ghent University and University of Guyana partnership (October 21-30, 2010).
- Taught several introductory and advanced undergraduate mathematics and statistics courses.
- Taught graduate courses, for example, Quantitative Techniques and Research Methods.
- Supervised several graduate and undergraduate research projects.

Scientific Collaborator; Department of Languages and Cultures, Ghent University; August 2014 – September 2015

- Engaged in research on methodological and social issues.

Chief Examiner; Cape Pure Mathematics: CXC; October 2011 - present. Assistant Chief Examiner from 2010–2011

- Determined the foci of the examinations including development of tables of

specifications.

- Evaluate items provided by the Assistant Chief Examiner.
- Sign-off on final examination papers.
- Supervise the CAPE marking exercise.
- Contribute to decisions about grades obtained by candidates.

Coordinator of the Carifesta X Volunteer Programme: Carifesta X Secretariat; June 2008 -- September 2008

- Planned and managed the execution of the Carifesta X Volunteer Programme, which involved the training of eight hundred (800) volunteers across six regions of Guyana.
- Scheduled volunteer support throughout the event.
- Participated in executive management meetings, and evaluated the volunteer program to provide recommendations for the establishment of a sustainable Guyana Volunteer Programme.

Assistant Master (Mathematics Teacher): Essequibo Islands Secondary School; August, 2001 -- September 19, 2005

- Prepared students of level 11 for the CSEC Mathematics examination, in 2003 and 2004 (Seconded to New Campbellville Secondary School (Georgetown) from September, 2001).

Lecturer (Part-time): Cyril Potter College of Education; September, 2001 -- August, 2004

- Course Taught: Mathematics, English, Integrated Science, Teaching Methods for Mathematics, English and Education; Philosophical and Socially Sensitive Issues and Personal and Professional Development.
- Guided trainee teachers over a period of two years into developing skills in classroom presentation.
- Supervised final research projects.

Research and Publication

- Peer Reviewed Publications
Thomas, T. D., Abts, K., Stroeken, K. and Vander Weyden, P. (2015). Measuring institutional trust: Evidence from Guyana. *Journal of Politics in Latin America*, *In press*.
Thomas, T. D., Singh, L., Gaffar, K., Thakur, D., Jackman, G.-A., Thomas, M., Gajraj, R., Allen, C. and Tooma, K. (2014). Cross-national measurement invariance of the UTAUT measures in the Caribbean. *International Journal of Education and Development Using ICT*, 10(4), 102-127.
Thomas, T. D. (2014). Doctoral dissertation: Response styles and the quality of survey data. Evidence from Guyana. Ghent University.
Thomas, T. D., Abts, K., and Vander Weyden, P. (2014). Measurement invariance, response styles and rural-urban measurement comparability. *Journal of Cross-Cultural Psychology*, 45, pp. 1011-1027.
Thomas, T. D., Abts, K., and Vander Weyden, P. (2014). Response styles and the rural-urban divide. *Educational and Psychological Measurement*, 74, pp. 97-115.
Van Vaerenbergh, Y. and Thomas, T. D. (2013). Response styles in survey research: A literature review of antecedents, consequences, and remedies. *International*

Journal of Public Opinion Research, 25, pp. 195-217.

Thomas, T. D., Singh, L. and Gaffar, K. (2013). The utility of the UTAUT model in explaining mobile learning adoption in higher education in Guyana. *International Journal of Education and Development Using ICT*, 9(3), pp. 71-85.

Gaffar, K., Singh, L., and Thomas, T. (2011). Are we ready for Web 2.0? Evidence from a Caribbean university. *Caribbean Teaching Scholar*, 1(2), pp. 129-146.

- Conference Presentations

Thomas, T. D., Abts, K., and Vander Weyden, P. (2013). Measurement invariance, response styles and rural-urban data comparability. 1st Southern European Conference on Survey Methodology. December 12-14, Barcelona, Spain.

Thomas, T. D., Singh, L. and Gaffar, K. (2012). Mobile learning adoption in higher education in Guyana. Caribbean Academy of Science conference. November 2-4, Barbados.

Singh, L., Gaffar, K. and Thomas, T. D. (2012). Mobile learning: Lecturers versus students on usage and perception using the UTAUT model. The UTECH 2nd International Scientific Conference. June 5-7, Jamaica.

Thomas, T. D. and Daynauth, R. (2012). The teacher's gender and the gender differential in performance in Guyana. School of Education and Humanities' Research Day Seminar. May 4, Georgetown, Guyana.

Bernard, C. R., Secharan, D., Thomas, T. D. and Maharaj, G. (2012). Relating environmental attitudes to perspectives on an apocalypse and life thereafter. The Fifth International Conference of the International Society for the Study of Religion, Nature and Culture (Theme; Nature & the Popular Imagination). August 8-11, Malibu, California (USA).

Affiliations

- Director at Transparency Institute Guyana Incorporated.