

CURRICULUM VITAE

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CURRENT POSITION: Lecturer
DEPARTMENT: School of Education, Humanities & Education, The University of the West Indies, St. Augustine, Trinidad and Tobago
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EMAIL: Sharon.Jaggernaut@sta.uwi.edu (work)

ACADEMIC QUALIFICATIONS:

2018 **Certificate of University Teaching and Learning**, The University of the West Indies, St. Augustine, Trinidad and Tobago

2016 The University of the West Indies, St. Augustine, Trinidad and Tobago
Doctor of Philosophy (Education), Dissertation: **Exploring Changes in Teacher Efficacy of In-Service Secondary School Teachers during their Participation in a Post-Graduate Diploma in Education Programme in Trinidad and Tobago: A Mixed Method Study**

2012 Real Training, Canterbury Innovation Centre, University Road, Canterbury, UK
Test User: Educational Ability/Attainment (Certificate of Competency in Educational Testing)

2011 The University of the West Indies, St. Augustine, Trinidad and Tobago
Master of Education (Honours), Project: **Mathematics anxiety and the primary school teacher: An exploratory study of the relationship between mathematics anxiety, mathematics teacher efficacy, and mathematics avoidance**

2001 The University of the West Indies, St. Augustine, Trinidad and Tobago
Diploma in Education, Mathematics (Honours)

ACADEMIC QUALIFICATIONS: (continued)

2002 The University of the West Indies, St. Augustine, Trinidad and Tobago
Bachelor of the Arts, Mathematics (Honours)

WORK EXPERIENCE:

2017 – Lecturer, School of Education, The University of the West Indies, St. Augustine

2008–2016 **Assistant Lecturer**, School of Education, The University of the West Indies, St. Augustine

2000–2008 **Dean**, Bishops Anstey High School, Port of Spain

1997–2008 **Teacher III** (Mathematics), Bishops Anstey High School, Port of Spain

2007–2015 **Assistant Examiner**, Caribbean Examination Council (CXC)

2001–2016 **Part-time Demonstrator**, Department of Mathematics & Statistics, The University of the West Indies, St. Augustine

Academic

Graduate Programme (Courses Taught/Tutored)

EDME 5005 Educational Assessment, Pre-service Diploma in Education Programme
EDRS 6208 Fundamentals of Educational Research I, Master of Education Programme
EDRS 6900 Research Project, Master of Education Programme
EDFA 5210 Foundations in Education, In-service Diploma in Education Programme
EDRS 5220 Project in the Theory in Education, In-service Diploma in Education Programme

Undergraduate Programme (Courses Taught/Tutored)

EDTL5230 Practice in Education, In-service Diploma in Education Programme
EDMA5260 Teaching of Mathematics, In-service Diploma in Education Programme
EDMA1721 Mathematics Appreciation, Bachelor in Education
EDMA3902 Trends and Issues in Mathematics Education, Bachelor in Education
EDMA1902 Mathematics for Primary Teachers, Bachelor in Education
MATH1140 Basic Introductory Mathematics, Bachelor in Education
MATH2100 Abstract Algebra, Bachelor in Education
MATH2110 Linear Algebra, Bachelor in Education
MATH3550 Engineering Mathematics

Undergraduate Programme (Course material developed)

EDMA1721 Mathematics Appreciation (blended and online), Bachelor in Education
EDTL3701 Diagnosis and Remediation of Reading, Writing and Mathematics at the Primary Level (online), Bachelor in Education
EDME5005 Educational Assessment, Pre-service Diploma in Education Programme

PUBLICATIONS:

Book Chapters (Refereed)

Jaggernauth, S. J. (2017). Unpacking the experiences of teachers transitioning to blended learning in Trinidad and Tobago. In M. Carmo (Ed.), *Education and New Developments 2017* (pp. 226-230). Lisbon, Portugal: World Institute for Advanced Research and Science. Available at http://end-educationconference.org/wp-content/uploads/2017/07/Education-and-New-Developments_2017.pdf

Jaggernauth, S. J. (2017). Modeling changes in teacher efficacy during in-service professional development in Trinidad and Tobago. In J. Mena, A. García-Valcárcel, F. J. G. Peñalvo & M. Martín del Pozo (Eds.), *Search and Research: Teacher Education for Contemporary Contexts* (pp. 217-226). Salamanca, Spain: International Study Association of Teachers and Teaching.

Jaggernauth, S. J. & Jameson-Charles, M. (2015). Primary teacher mathematics anxiety, teacher efficacy and mathematics avoidance. In M. Carmo (Ed.), *Education Applications & Developments* (pp. 45 – 58). Lisbon, Portugal: inScience Press. Available at http://insciencepress.org/wp-content/uploads/2015/05/ISP_Education-Applications-Developments-Book.pdf

Jaggernauth, S. J. & Jameson-Charles, M. (2014). Mathematics anxiety and the primary school teacher: Mathematics teacher efficacy beliefs and mathematics avoidance tendencies. In M. Carmo (Ed.), *Proceedings of International Conference on Education and New Developments 2014* (pp. 175-179). Lisbon, Portugal: World Institute for Advanced Research and Science. Available at http://end-educationconference.org/wp-content/uploads/2014/07/Book_END2014_ComBookmarks_NEW1.pdf

Articles (Refereed)

Jaggernauth, S. J. & Jameson-Charles, M. (2015). Initial Teacher Efficacy of In-Service Secondary Teachers in Trinidad and Tobago. *Caribbean Curriculum*, 23, 23 - 48. (Cited 1 time on Google Scholar)

Jameson-Charles, M. & **Jaggernauth, S. J.** (2015). Exploring Teacher Efficacy of In-Service Secondary School Teachers: An Investigation of the Influence of Teacher Variables on Pre Training Efficacy Beliefs. *The Caribbean Teaching Scholar*, 5 (1), 5 - 24. (Cited 1 time on Google Scholar) Available at <http://journals.sta.uwi.edu/cts/index.asp?action=fullTextPermaLink&articleId=523&galleryId=460>

PUBLICATIONS: (continued)

Articles (Non-refereed)

Jaggernauth, S. J. (2004). Why Mathematics? TUTOR (March, 2004).

Jaggernauth, S. J. (2004). Teacher Development. TUTOR (June, 2004).

Jaggernauth, S. J. (2004). Learning Mathematics the Write Way. TUTOR (September, 2004).

Reports

Guedez-Fernandez, R., **Jaggernauth, S. J.**, Rasamooj, N., Lalloo, R., Legall, G., Odekunle, A., Kalicharan, N., Ramsawak-Jodha, N., & Burns, M. (June 2016). Final report of the Mathematics Committee. The University of the West Indies, St. Augustine.

Research Funding Grants Received

2018 **The University of the West Indies, St. Augustine, Campus Research and Publication Fund Committee**

Research project: The development and validation of growth and value-added school performance measures in the education system of Trinidad and Tobago.

Collaborators: De Lisle, J., Ramsawak-Jodha, N., Harry, S., Lee-Piggott, R., Dedovets, Z., Brown, L.

2017 **The University of the West Indies, St. Augustine, Campus Research and Publication Fund Committee**

Research project: An investigation of student motivation to learn mathematics, communication competence, and critical thinking skills in secondary schools in Trinidad and Tobago (St. George East District).

Collaborators: Dedovets, Z. (Principal Investigator), Ramsawak-Jodha, N.

2016 **The University of the West Indies, St. Augustine, Campus Research and Publication Fund Committee**

Research project: Exploring the effects of game based learning in Trinidad and Tobago's primary schools: An examination of students' mathematics and science achievement and in-service teachers' perspectives.

Collaborators: Kamalodeen, V. J. (Principal Investigator), Kalloo, R., Barrow, D. A., Abdul-Majied, S., Dedovets, Z., & Ramsawak-Jodha, N., Figaro-Henry, S.

DISTINCTIONS, HONOURS, SCHOLARSHIPS AND AWARDS:

2015 **Clute Institute International Education Conference, January 4 – 8, 2015, Maui, Hawaii** Best Paper in Session Award (peer-review process) for conference paper presentation: Mathematics Anxiety, mathematics Teacher Efficacy, and mathematics avoidance: A study of primary teachers in Trinidad and Tobago.

RESEARCH ACTIVITIES IN PROGRESS:

Jaggernauth, S. J. Mathematics anxiety among primary and secondary school students and teachers in Trinidad and Tobago: Implications for the teaching and learning of mathematics.

Ramsawak-Jodha, N., De Lisle, J., Lee-Piggott, R., **Jaggernauth, S. J.**, Dedovets, Z. & Harry, S. The development and validation of growth and value-added school performance measures in the education system of Trinidad and Tobago.

Kamalodeen, V. J., Kalloo, R., Barrow, D. A., Abdul-Majied, S., **Jaggernauth, S. J.**, Dedovets, Z., & Ramsawak-Jodha, N. , Figaro-Henry, S. Exploring the effects of game based learning in Trinidad and Tobago's primary schools: An examination of students' mathematics and science achievement and in-service teachers' perspectives.

Dedovets, Z., **Jaggernauth, S. J.**, & Ramsawak-Jodha, N. An investigation of student motivation to learn mathematics, communication competence, and critical thinking skills in secondary schools in Trinidad and Tobago (St. George East District).

Jaggernauth, S. J., Dedovets, Z., & Ramsawak-Jodha, N. Developing critical thinking in mathematics students through the use of KWL (Know-Wonder-Learned) in Trinidad and Tobago secondary schools.

Jaggernauth, S. J., & Alexander, V. Exploring the Mathematics Self-Efficacy of Teachers and Students in Trinidad and Tobago.

Jaggernauth, S. J., Garibsingh, A. & Hunte, A. (University of Trinidad and Tobago). Exploring Secondary School Teachers and Students Perspectives on the Recently Introduced School Based Assessment in Mathematics.

PRESENTATIONS AT ACADEMIC CONFERENCES:

Oral presentations

- 2018 **Jaggernauth, S. J.** Exploring Changes in Teacher Efficacy through a Professional Development Programme in Trinidad and Tobago. American Educational Research Association (AERA) 2018 Conference, April 13-17, 2018. New York City, New York.
- 2018 **Jaggernauth, S. J.**, Garibsingh, A., & Hunte, A. The CXC mathematics school based-assessment: A perspective from mathematics teachers in Trinidad and Tobago. American Educational Research Association (AERA) 2018 Conference, April 13-17, 2018. New York City, New York.
- 2017 ***Jaggernauth, S. J.** Unpacking the experiences of teachers transitioning to blended learning in Trinidad and Tobago. Education and New Developments 2017 Conference, June 24 – 27, 2017. Lisbon, Portugal.

PRESENTATIONS AT ACADEMIC CONFERENCES: (continued)

- 2017 **Jaggernaut, S. J.** Modelling changes in mathematics teacher efficacy during in-service professional development in Trinidad and Tobago. International Study Association of Teachers and Teaching (ISATT) 2017 Conference, July 3 – 7, 2017. Salamanca, Spain.
- 2017 **Jaggernaut, S. J.**, Dedovets, Z., Ramsawak-Jodha, N., Kamalodeen, V. J., Kalloo, R., Barrow, D. A., Abdul-Majied, S., & Figaro-Henry, S. Exploring the use of gamification to reinforce geometric thinking and numeracy skills: A mixed methods case study in Trinidad and Tobago. Mixed Methods International Research Association Regional Conference in the Caribbean, March 15 – 17, 2017. Montego Bay, Jamaica.
- 2017 **Jaggernaut, S. J.**, Guedez-Fernandez, R. & Legall, G. Why can't I pass university mathematics? A mixed methods study of student and faculty perspectives at a university in Trinidad and Tobago. Mixed Methods International Research Association Regional Conference in the Caribbean, March 15 – 17, 2017. Montego Bay, Jamaica.
- 2016 Kamalodeen, V. J., Kalloo, R., Pinder, P., Dedovets, Z., **Jaggernaut, S. J.**, Ramsawak-Jodha, N., Barrow, D. A., Abdul-Majied, S., & Figaro-Henry, S. Using games-based learning as a teaching strategy in primary school STEM instruction in Trinidad and Tobago. Ministry of Education Brown Bag. Ministry of Education, June 23, 2016. Port of Spain, Trinidad.
- 2016 **Jaggernaut, S. J.** Strengthening Secondary School Teachers Teacher Efficacy through In-Service Professional Development. The IAFOR International Conference on Education, February 23 – 27, 2016. Dubai, United Arab Emirates.
- 2015 Ramnanan, D. & **Jaggernaut, S. J.** Primary teachers' concerns about the continuous assessment component of the secondary entrance assessment. UWI Biennial conference of the UWI Schools of Education 2015. June 1 – 4, 2015. Bridgetown, Barbados.
- 2015 Teelucksingh-Birju, S. & **Jaggernaut, S. J.** An investigation into social networking and blogging as a homework resource in CAPE communication studies. UWI Biennial conference of the UWI Schools of Education 2015. June 1 – 4, 2015. Bridgetown, Barbados.
- 2015 **Jaggernaut, S. J.** Primary school teachers' mathematics anxiety, mathematics teacher efficacy, and mathematics avoidance: The case of Trinidad and Tobago. 2015 Hawaii International Conferences, January 3 – 6, 2015. Honolulu, Hawaii.
- 2015 **Jaggernaut, S. J.** Exploring Teacher Efficacy of In-Service Secondary School Teachers in Trinidad and Tobago. 2015 Hawaii International Conferences, January 3 – 6, 2015. Honolulu, Hawaii.

PRESENTATIONS AT ACADEMIC CONFERENCES: (continued)

- 2015 **Jaggernauth, S. J.** Mathematics Anxiety, mathematics Teacher Efficacy, and mathematics avoidance: A study of primary teachers in Trinidad and Tobago. 2015 Clute Institute International Education Conference, January 4 – 8, 2015. Maui, Hawaii.
- 2015 **Jaggernauth, S. J.** & Jameson-Charles, M. Measuring dimensions of teacher efficacy: The case of in-service Secondary Teachers in Trinidad and Tobago. 2015 Clute Institute International Education Conference, January 4 – 8, 2015. Maui, Hawaii.
- 2015 **Jaggernauth, S. J.** Primary school teachers' mathematics anxiety, mathematics teacher efficacy, and mathematics avoidance: The case of Trinidad and Tobago. Hawaii International Conference on Education, January 5 – 8, 2015. Honolulu, Hawaii.
- 2015 **Jaggernauth, S. J.** Measuring dimensions of teacher efficacy: The case of in-service Secondary Teachers in Trinidad and Tobago. Hawaii International Conference on Education, January 5 – 8, 2015. Honolulu, Hawaii.
- 2014 ***Jaggernauth, S. J.** & Jameson-Charles, M. Primary teacher mathematics anxiety, teacher efficacy and mathematics avoidance. Education and New Developments 2014 Conference, June 28 – 30, 2014. Madrid, Spain.
- 2014 **Jaggernauth, S. J.** Primary teachers' mathematics anxiety and teacher efficacy. Caribbean Regional Conference of Psychologists 2014 (CRCP2014): Unmasking the Past, Claim our Future, November 10 – 14, 2014. Paramaribo, Suriname.
- 2014 Jameson-Charles, M. & **Jaggernauth, S. J.** Changes in teacher efficacy beliefs of secondary teachers enrolled in an in-service teacher-training programme. Caribbean Regional Conference of Psychologists 2014 (CRCP2014): Unmasking the Past, Claim our Future, November 10 – 14, 2014. Paramaribo, Suriname.
- 2013 Jameson-Charles, M. & **Jaggernauth, S. J.** In-service secondary school teacher efficacy. Biennial Conference: Advancing Education through a Culture of Inquiry, Innovation, and Indigenization, April 23 – 25, 2013. School of Education, The University of the West Indies, St. Augustine.
- 2013 **Jaggernauth, S. J.** Mathematics anxiety and the primary school teacher. Biennial Conference: Advancing Education through a Culture of Inquiry, Innovation, and Indigenization, April 23 – 25, 2013. School of Education, The University of the West Indies, St. Augustine.

PRESENTATIONS AT ACADEMIC CONFERENCES: (continued)

Workshops

- 2017 **Jaggernaut, S. J.** & Jameson-Charles, M. Teaching learners who struggle with Mathematics. Workshop presented at the first Inclusive Education Conference 2017: Achieving Education for All: Resolving the challenges of Learning Difference, Learner Diversity and At-Risk Youth, February 14 – 18, 2017, School of Education, The University of the West Indies, St. Augustine.
- 2016 **Jaggernaut, S. J.**, Barrow, D. A., & Pinder, P. The use of games-based learning in secondary school education in Trinidad and Tobago. Workshop presented at El Dorado West Secondary School, Tunapuna, Trinidad and Tobago. (May 2016).
- 2016 **Jaggernaut, S. J.**, Dedovets, Z., Kamalodeen, V. J., & Pinder, P. Teaching mathematics through games in Trinidad and Tobago. Workshop presented at The University School, St. Augustine, Trinidad and Tobago. (April 2016).
- 2012 **Jaggernaut, S.J.** Concept development in mathematics. Workshop presented at the Mathematics Education in the 21 Century: Embracing possibilities, Mathematics Symposium, June 21-23, 2012, School of Education, The University of the West Indies, St. Augustine.
- 2015 **Jaggernaut, S.J.** Journal writing in mathematics. Workshop presented at the Mathematics Education in the 21 century: Embracing possibilities, Mathematics Symposium, June 21-23, 2012, School of Education, The University of the West Indies, St. Augustine.

Symposia

- 2013 **Jaggernaut, S. J.** (Chair). Indigenizing research methodology: Benefits and challenges. Symposium conducted at the Biennial Conference: Advancing Education through a Culture of Inquiry, Innovation, and Indigenization, April 23 – 25 2013, School of Education, The University of the West Indies, St. Augustine.
- 2012 Byron, M. K., **Jaggernaut, S.**, Ramsawak-Jodha, N. (Co-Chairs). The challenges of secondary mathematics. Symposium conducted at the Mathematics Education in the 21 century: Embracing possibilities, Mathematics Symposium, June 21 – 23, 2012, School of Education, The University of the West Indies, St. Augustine.
- 2012 Byron, M. K., **Jaggernaut, S.J.**, Ramsawak-Jodha, N. (Co-Chairs). Myths and phobias about mathematics. Symposium conducted at the Mathematics Education in the 21 century: Embracing possibilities, Mathematics, June 21 – 23, 2012, School of Education, The University of the West Indies, St. Augustine.

ADDITIONAL CONTRIBUTIONS TO DEPARTMENT:

- 2018-19 **Coordinator**, The Reflective Practitioner course on the Diploma in Education programme
- 2017 **Programme co-developer**, Professional Certificate in Technical and Vocational Education and Training Management/Professional Certificate in Competence-Based Education and Training in (CBET Leadership & Management) to facilitate the Delivery in Stann Creek District, Belize. This involved revising a certificate programme to be offered in Belize for which the School of Education was contracted)
- 2017 **Course Content Developer**, Postgraduate Diploma in Technical and Vocational Education and Training Management (Leadership & Management) to Facilitate the Delivery in Stann Creek District, Belize. (This involved developing course materials for The Reflective Practitioner course for offering in Belize for which the School of Education was contracted, and for expanding the current Diploma course offering in Trinidad and Tobago)
- 2017– **Committee Member**, The Schools’ of Education Biennial Conference 2018, The University of the West Indies, St. Augustine. (This involved the planning, and overseeing various activities before and during the event, including abstract review, budget allocations, scheduling and coordinating paper sessions, chairing paper sessions and facilitating workshops, over the three days)
- 2016–2017 **Planning Committee Chair**, Mathematics Stakeholders’ Meeting, The School of Education, The University of the West Indies, St. Augustine, June 13, 2017 (This involved the conceptualisation, planning, and developing a programme to present the findings of a study of the underachievement in undergraduate mathematics of UWI St. Augustine to stakeholders, and engaging them in further research about the underachievement in mathematics across the pre-tertiary sector in Trinidad and Tobago)
- 2016– **Member**, Management Team of the Continuous Professional Development and Outreach Unit, The School of Education, The University of the West Indies, St. Augustine. (This involves responding to professional development needs of local and external schools and other professional and non-professional organisations by developing proposals for, facilitating, and reporting on development activities, locally and within the Caribbean region)
- 2016– **Committee Member**, School of Education Curriculum Committee, The University of the West Indies, St. Augustine. (This involves reviewing new and existing programmes, courses and extra-departmental projects related to the School, and responding to curriculum-related needs of other stakeholders in education)
- June 2016 **Programme Coordinator (Ag.)**, Bachelor in Education, The School of Education, The University of the West Indies, St. Augustine. (This involved overseeing the programme and attending to arising student matters)

ADDITIONAL CONTRIBUTIONS TO DEPARTMENT: (continued)

- 2016–2017 **Committee Member**, Inclusive Education Conference 2017, The School of Education, The University of the West Indies, St. Augustine, in collaboration with The State University of New York at Potsdam, hosted in February 2017. (This involved the planning, and overseeing various activities before and during the event, including abstract review, budget allocations, scheduling and coordinating paper sessions, chairing paper sessions and facilitating workshops, over the 3 days)
- 2015– **Chair**, Teaching & Learning Pillar, School of Education Action Plan, The University of the West Indies, St. Augustine. (This involves coordinating the team responsible for ensuring that teaching and learning in undergraduate courses at the School of Education are aligned the School’s and UWI’s Action Plans)
- 2012–2013 **Planning Committee Member**, Schools of Education Biennial Education Conference: Advancing Education through a Culture of Inquiry, Innovation, and Indigenization, The University of the West Indies, April 23 – 25, 2013, hosted at The University of the West Indies, St. Augustine. (This involved the planning, and overseeing various activities before and during the event, including abstract review, budget allocations, scheduling and coordinating paper sessions, chairing paper sessions and symposia, over the three days)
- 2015–2016 **Committee Member and Reviewer**, Primary Curriculum Review Committee, The Continuous Professional Development and Outreach Unit, The School of Education, The University of the West Indies. (This involved the review of, and reporting on the Primary Mathematics Curriculum component of the National Curriculum)
- 2011–2012 **Planning Committee Member**, Mathematics Symposium, Mathematics Education in the 21st Century: Embracing Possibilities, June 21 - 23, 2012, hosted at the School of Education, The University of the West Indies, St. Augustine. (This involved conceptualising, planning, and overseeing various activities before and during the event, including chairing paper sessions and symposia, over the three days)
- 2010– **Committee Member**, School of Education Diploma in Education Timetable Committee. (This involves scheduling courses for the programme for the August, Semester 1 and Semester 2 classes)
- 2009– **Committee Member**, School of Education Curriculum Renewal Committee (This involves development and review of the course and programmes offered at the School of Education, including the pre-service and general Bachelor of Education, and in-service and pre-service Diploma in Education programmes).

EXTRA DEPARTMENTAL UWI SERVICE:

- 2016– **Committee Member**, Faculty of Humanities & Education Curriculum Committee, The University of the West Indies, St. Augustine, 2017 – ongoing (This involves reviewing new and existing programmes and courses offered by the Faculty of Humanities and Education)
- 2015–2016 **Co-Chair**, Interim Mathematics Committee, Office of the Campus Registrar, The University of the West Indies, St. Augustine, 2015 – 16. (This involved a study of the underachievement in undergraduate mathematics of UWI St. Augustine to determine factors associated with the phenomenon, as well as interventions. This study was commissioned by the Deputy Principal, Prof Rhoda Reddock)

PUBLIC AND PROFESSIONAL SERVICE:

- 2018– **Member**, Scientific Committee, UWI Schools of Education Biennial Conference 2018, February 2019
- 2017– **Reviewer**, Editorial Review Board of Contemporary Issues in Technology and Teacher Education – Mathematics (Publication of the Association for the Advancement of Computing in Education - AACE)
- 2017 **Member**, Scientific Committee, Education and New Developments 2018 Conference, Budapest, Hungary, June 2018
- 2017 **Chair**, Paper session, Education and New Developments 2017 Conference, Lisbon, Portugal, June 2017
- 2016 **Chair**, Paper session, The IAFOR International Conference on Education, Dubai, United Arab Emirates, February 2016
- 2014 **Chair**, Paper session, International Conference on Education and New Developments 2014, Madrid, Spain, June 2014.
- 2013 **Chair**, Paper session, The UWI Schools of Education Biennial Educational Conference, April 23 – 25, 2013, School of Education, The University of the West Indies, St. Augustine, April 2013.
- 2013– **Reviewer**, Urban Education (SAGE Publications journal)
- 2011 **Reviewer**, Caribbean Examination Council Additional Mathematics CSEC syllabus, CAPE Mathematics and Applied Mathematics syllabus
- 2008 **Member**, Item Writing team for the National Certificate of Secondary Education (NCSE) Level I Mathematics, Ministry of Education, Curriculum Development Division

PUBLIC AND PROFESSIONAL SERVICE: (continued)

- 2007 **Member**, Item Writing team for the Caribbean Advanced Proficiency Examination (CAPE) Applied Mathematics, Ministry of Education, Curriculum Development Division
- 2007 **Member**, Mathematics course content development committee for National Open School of Trinidad & Tobago (NOSTT) Pilot Project Mathematics, Ministry of Education, Curriculum Development Division

PROFESSIONAL MEMBERSHIP:

Member, Mixed Methods International Research Association (MMIRA)

Member, Mixed Methods International Research Association Caribbean Chapter (MMIRACC)

Member, American Educational Research Association (AERA)

Member, British Psychological Society (BPA)

Member, Dyslexia Association of Trinidad and Tobago

Member, National Council of Teachers of Mathematics (NCTM)

PROFESIONAL DEVELOPMENT:

- 2017-18 **Centre for Excellence in Teaching and Learning, The University of the West Indies, St. Augustine, Trinidad and Tobago**
Teaching and Learning: Theory and Practice
Assessment in Higher Education
Advancing Teaching and Learning with Technology
Reflective Teaching for Learning
- 2017 **School of Education, The University of the West Indies, St. Augustine, Trinidad and Tobago**
Working with Emotional Intelligence, 10 April
Conflict Management, 12 April
Team Building and Teamwork, 18 April
Navigating the UWI Academic Environment, 20 April
- 2017 **Mixed Methods International Research Association Regional Conference in the Caribbean, March 15 – 17, 2017, The School of Education, The University of the West Indies, Mona, Jamaica**
Designing Mixed Methods Research
Meet the Editor of the Journal of Mixed Methods Research
Mixed Methods Research and Culturally-Sensitive Programme Evaluation

PROFESIONAL DEVELOPMENT: (continued)

- 2016 **Mixed Methods Analysis Workshops, March 14 – 18, 2016, The School of Education, The University of the West Indies, Mona, Jamaica**
Developing Your Philosophical Framework in Mixed Methods Research
Quantitative Analysis (Parametric & Nonparametric Analyses)
Writing Up Quantitative Analysis Findings
Qualitative Analysis (Constant Comparison Analysis, Ethnographic Analysis, Discourse Analysis, Analysing Nonverbal Data)
Writing Up Qualitative Analysis Findings
Mixed Methods Analysis
Conducting Mixed Analyses Using QDA Miner Software
Writing Up Mixed Analysis Findings
- 2015 **Mixed Methods Analysis Workshops, March 30 – 31, 2015, Continuing Professional Development and Outreach Unit, The University of the West Indies, St. Augustine**
Conducting and Writing Up Quantitative Analysis Findings II
Conducting and Writing Up Qualitative Analysis Findings II
Writing Up Mixed Methods Analysis II
Overview of Conducting Mixed Analyses Using QDA Miner Software
- 2014 **Mixed Methods Analysis Workshops, April 14 – 16, 2014, Continuing Professional Development and Outreach Unit, The University of the West Indies, St. Augustine**
Introduction to Mixed Methods Research
Developing Your Philosophical Framework in Mixed Methods Research
Conducting and Writing Up Quantitative Analysis Findings I
Conducting and Writing Up Qualitative Analysis Findings I
Writing Up Mixed Methods Analysis I
- 2013 **13th Thinking Qualitatively Workshop Series, June 17 – 20, 2013, International Institute for Qualitative Methodology (IIQM), Edmonton Clinic Health Academy in Edmonton, Alberta, Canada**
Introduction to Qualitative Inquiry
Introduction to Discourse Analysis
Developing and Writing Qualitative Proposals for Grand Funding Success
Managing Qualitative Research Data
Focus Groups – The Who, What, Why, When, and How
Rigour in Qualitative Research
Introduction to Mixed Methods Research
Principles and Pragmatics of Qualitative Interviewing
Community-Based Participatory Research

PROFESIONAL DEVELOPMENT: (continued)

- 2009–14 **The Centre for Teaching & Learning, The University of the West Indies, St. Augustine**
Celebrating University Teaching Week: Balancing Teaching, Research & Writing, 2014
Google Applications in Teaching and Learning, 2013
Blended Learning: Creating Audio Podcasts Using Audacity, 2012
Blended Learning: Creating Screencasts Using Camstudio, 2012
An Introduction to Web 2.0 Tools for Teaching and Learning, 2012
Using myelearning For Teaching and Learning I, 2012
Using myelearning For Teaching and Learning II, 2012
Using One Note, 2012
Blended Learning: An Introduction to myelearning, 2012
Blended Learning: Emerging Technologies in Education, 2012
Writing for Publication 1: The Writing Process, 2012
Writing for Publication 2: Strategic Approaches to Getting your Work Published, 2012
Research Methodology: Key Considerations in Research, 2012
Illuminate, 2011
Setting up myelearning for your course, 2009
- 2001-07 **The Ministry of Education of Trinidad and Tobago, Curriculum Development Division**
Heads of Departments Training Workshop, July - August 2007
Workshop for Teachers of Advanced Level Mathematics, October 2003, 2004
The Teaching of Mechanics, July - August 2002
The Teaching of Statistics, July - August 2001
Using Computers in the Classroom. A Computer Literacy Course, August 2001
- 2006 **Professional Development Institute, The International School of Port of Spain**
Multiple Intelligences: Purposeful Learning through Multiple Intelligences, November 2006.
Discipline That Builds Self-Discipline: Love & Logic, July 2006.
Emotional Intelligence, September 2006.
- 2001-04 **The School Leadership Centre of Trinidad & Tobago, Port of Spain**
Take Me to Your Leader, August 2004
No Excuses! Every Child Can Learn, August 2003
Bullies and Victims: Responses to violence in Schools in Trinidad & Tobago, August 2001
- 1995 **Innovative Marketing Consultants, Petite Valley**
Chartered Institute of Marketing (CIM) Certificate Examinations (earned credits towards the CIM Certificate in Marketing)

REFERENCES:

Dr. Jennifer Yamin-Ali, Director, School of Education, The University of the West Indies, St. Augustine

Dr. Madgerie Jameson-Charles, Coordinator of MATVET/Lecturer, The University of the West Indies, St. Augustine

Dr. Margo Burns, Director, Centre for Excellence in Teaching and Learning, The University of the West Indies, St. Augustine