

CURRICULUM VITAE- Sandra Figaro-Henry

1. PERSONAL INFORMATION

Name: Sandra Figaro-Henry
Post: Educational Technologist
Date of Birth: 27th December 1964
Nationality: Citizen of Trinidad and Tobago
Marital Status: Married

EDUCATION

Higher Educational Institutions Attended:

- | | | |
|-----|---|-----------|
| (a) | New York Institute of Technology (NYIT), New York
2004 | 2002- |
| (b) | The University of the West Indies, St Augustine | 1996-2000 |
| (c) | The National Institute of Higher Education
Research Science and Technology (NIHERST) POS | 1991-1993 |
| (d) | The University of the West Indies, St Augustine | 1990-1991 |
| (e) | Corinth Teachers' College | 1986-1988 |

Academic and Professional Qualifications:

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| (a) | MPhil (Completed, submission in June 2016) | |
| (b) | MSc Educational Technology (Distinction) | 2004 |
| (c) | BSc. Management and Sociology (Honours) | 2000 |
| (d) | Certificate in Administrative Management | 1994 |
| (e) | Certificate in the Teaching of Information Technology | 1993 |
| (f) | Certificate in Early Childhood Education (Distinction) | 1991 |

- (g) Teachers' Diploma (Distinction in Practical Teaching) 1988

Other Distinctions and Awards

- (a) Organization of American States (OAS) scholar 2002
- (b) NYIT Graduate Student Award- Excellence in Professional Training 2004
- (c) The Learning Centre's Dean's Award for Outstanding Leadership 2004
- (d) NYIT Deans' Award for Service to the College 2004
- (e) Who's Who Award in American Colleges and Universities Graduate Award 2004

PROFESSIONAL EXPERIENCE

Educational Technologist	University of the West Indies St Augustine, School of Education	2007- Present
Evaluation Officer	Division of Educational Research and Evaluation Ministry of Education	2004-2007
Coordinator 2004	New York Institute of Technology The Learning Centre, Central Islip Campus	2002-
Research Officer	Division of Educational Research and Evaluation Ministry of Education	2001-2002
Information and Communication Technology Facilitator	Ministry of Education	2000-2001
Teacher	Ministry of Education	1989-2000

CURRENT DUTIES

- (i) Teaching Educational Technology and Technology Integration- related courses on the Certificate in Education, Bachelor in Education and Diploma in Education programmes
- (ii) Facilitating and providing educational technology professional development sessions for faculty at the School of Education

- (iii) Coordinator of the Level 1 Bachelor of Education programme.
- (iv) Mentoring staff members (individual/group) to integrate digital technologies in instruction
- (v) Supervising Masters in Education (MEd) and Diploma in Education (Dip Ed) students' theses.
- (vi) Conducting professional development seminars or workshops SOE on suggested technology integration topics for the Profession Development and Outreach Unit on the SoE staff at
- (vii) Conducting student training workshops on the Learning Management System (LMS) Moodle, customized as "myeLearning" at the start of educational technology courses taught at SOE.
- (viii) Writing (2 courses) 1 Certificate in Liberal Arts and 1 Bachelor in Education courses
 - (a) Certificate in Liberal Arts-Traversing Technologies in the Liberal Arts
 - (b) Bachelor in Education – Production and use of Educational Materials for Physical Education

SPECIAL PROFESSIONAL ACCOMPLISHMENTS

- 2014 Invited to present three (3) papers at the OAS 2nd Virtual Educa Symposium 2014
- 2006 Project Coordinator, Launch of the Ministry of Education's (MOE) website
- 2005 Member, Consultation Team for the production of the Draft Information and Communications Technology (ICT) Policy Document, MOE.
- 2005 Microsoft Peer Coaching Facilitator
- 2004 New Systems Facilitators (NSFs) seconded to the Ministry of Public Administration and Information by the Permanent Secretary in the Ministry of Education to work with NSF's from other ministries on a joint computerization of systems and functions project, at the Ministry of Education

LIST OF PUBLICATION

2.(i) (c)

Abdul-Majied, S. & Figaro-Henry, S. (2016). Getting STEM Right from the Start: Using the Project Approach to Transform Teacher Education in Early Childhood. *Caribbean Educational Research Journal*. UWI Cave Hill Campus: Barbados. Vol. 4, No. 1 April 2016.

Figaro-Henry, S., & James, F. (2015). Mobile learning in the 21st century higher education classroom: Readiness experiences and challenges. *Caribbean Curriculum*, 23, 99–120.

2. (ii) MANUSCRIPTS ACCEPTED FOR PUBLICATION

James, F., Figaro-Henry, S. & Wickham, L. (2016). Virtual spaces impacting real places: Entrepreneurial innovations in Trinidad and Tobago's tertiary education landscape. *Journal of Innovation and Entrepreneurship*. Springer Open.

2. (iii) MANUSCRIPTS SUBMITTED FOR PUBLICATION

Kamalodeen, V., Figaro Henry, S., Ramsawak-Jodha, N. & Dedovets, Z. (2015) The Development of Teacher ICT Competencies through a STEM Teacher Training Project in Trinidad" submitted to the *Caribbean Curriculum*. Full paper, 10 pages

2. (iv) PAPERS PRESENTED CONFERENCES /ACCEPTED FOR PRESENTATION

2016

The Global Summit on Childhood April 2016 Costa Rica

Abdul-Majied, S. & Figaro-Henry, S. (2016). "Project STEM: Synergy from a young children's conference in Trinidad". The Global Summit on Childhood Costa Rica

11th European Conference on Innovation and Entrepreneurship ECIE-16 Jyväskylä, Finland 15-16 September 2016

James, F., Figaro-Henry, S. & Wickham, L. (2016). Virtual spaces impacting real places: Entrepreneurial innovations in Trinidad and Tobago's tertiary education landscape. Paper accepted for presentation and publication.

2015 Ed Media June 22nd -24th 2015 Montréal, Canada

Figaro-Henry, S. & Kamalodeen, V. (2015). Developing 21st century skills in In-service Science Technology Engineering and Mathematics (STEM) teachers through Digital Learning Spaces (DLS). In S. Carliner, C. Fulford & N. Ostashewski (Eds.), *Proceedings of EdMedia: World Conference on Educational Media and Technology 2015* (pp. 182-191). Association for the Advancement of Computing in Education (AACE).

2014 Biennial Education Conference June 1st - 4th 2015 Cave Hill, Barbados

Abdul-Majied S., & Figaro-Henry, S. (2014). Integrating ICTs using a Project Approach in Early Childhood Science Technology Engineering and Mathematics (STEM) Education in Trinidad.

2014 E-Learn: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2014

Figaro-Henry, S. & Abdul-Majied, S. (2014). More than the STEM grew... A study of barriers to and benefits of using Web 2.0 collaborative technologies on a blended teacher professional development

programme for integrating Science, Technology, Engineering and Mathematics (STEM) in Trinidad. In T. Bastiaens (Ed.), *Proceedings of E-Learn: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2014* (pp. 566-575). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).

2014 2ND VIRTUAL EDUCA CARIBBEAN SYMPOSIUM PRESENTATIONS

Perceptions of the “bring your own device, BYOD” innovation at the UWI School of Education. With Dr. Freddy James. Research presented May 19th-20th, 2014, at the 2nd Virtual Educa Caribbean Symposium 2014 –Technology Driven Learning Environments.

Teacher Development with ICT: A case study of regional collaboration. With Mrs. Elia Grant-Fraser and Mrs. Murella Sambucharan-Mohammed. Research presented May 19th-20th, 2014, at the 2nd Virtual Educa Caribbean Symposium 2014

The Development of ICT competencies through a STEM Teacher Training Project. With Dr. Zhanna Dedovets, Dr. Vimala Kamalodeen and Mrs. Nalini Ramsewak-Jodha. Research presented May 19th-20th, 2014, at the 2nd Virtual Educa Caribbean Symposium 2014

2013 BIENNIAL CONFERENCE PRESENTATION FOR SCHOOLS OF EDUCATION

Marshalling Meaningful Mobility: Investigating students’ and facilitators’ opinions and experiences of mobile learning, as important considerations in enhancing mobile teaching and learning at a School of Education. Research paper presented at the Biennial Conference on Education of UWI Schools of Education April 23rd-25th, 2013.

https://www.researchgate.net/profile/Sandra_Figaro-Henry/

2012 SECOND MPhil PRESENTATION

Blended Teaching: A School of Education’s Experiences. Paper presented for second MPhil seminar presentation.

2011 E-Learn: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2011

Figaro-Henry, S., Mitchell, I. & Grant-Fraser, E. (2011). Mobile Learning Readiness in Caribbean Tertiary Institutions - Are We Ready?. In C. Ho & M. Lin (Eds.), *Proceedings of E-Learn: World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education 2011* (pp. 1193-1198). Chesapeake, VA: Association for the Advancement of Computing in Education (AACE).

<http://www.editlib.org/f/38876>

3. RESEARCH ACTIVITIES

2015-2016

Completed MPhil

Blended teaching perceptions and experiences: points of ubiquitous divergence at a school of education

Working with a team of researchers from the School of Education, UWI on the project :Exploring the effects of game-based learning (GBL) in Trinidad's primary school: An examination of students Mathematics and Science achievement- An in-service teacher perspective. Research initially conducted at the UWI St. Augustine 's primary school.

2014-2015

MPhil Research- "Blended Teaching: A School of Education's Experiences"

Joint research-"Management of a Student Run Virtual Space in a Postgraduate Teacher Education Programme", with Ms. Laila Boisselle.

"Blogs as blended classroom management, assessment and linguistic tools in a teacher education programme in Trinidad and Tobago" with Ms. Sharon Phillip

2012-2014

Analyzing MPhil research data for thesis on "Blended Teaching: A School of Education's Experiences"

2012-2013

Worked on 2nd MPhil thesis presentation "Blended Teaching: A School of Education's Experiences"
Data collected and analysis begun. To be submitted for acceptance to Sloan C Distance Learning Conference in Florida beginning November, 20th 2013

Worked on joint research projects with:

- (1) Laila Boiselle – The Effective Management of Student- Led Websites in a Post Graduate Teacher Education programme
- (2) Dr. Maria Byron, Elia Grant Fraser and Murella Sambucharan-Mohammed-Development of Blended Technology Integration in an English Speaking Caribbean Island

2011-2012

Weaving a Caribbean Web of Experience: Facilitating the Integration of Free Educational Web Tools in primary and secondary schools' curricula of an English-speaking Caribbean Island- Data collected from completed blended course taught to master teachers in Technology Integration in St.Vincent

Joint research projects with:

- (1) Laila Boiselle – The Effective Management of Student- Led Websites in a Post Graduate Teacher Education programme
- (2) Maria Byron, Elia Grant Fraser and Murella Sambucharan-Mohammed- Development of Blended Technology Integration in an English Speaking Caribbean Island

Mobile Learning Readiness in Caribbean Tertiary Education—Are We Ready (with Elia Grant-Fraser and Isidora Mitchell)-Presentation at E-Learn 2011 Honolulu, Hawaii, USA.

4. UWI DEPARTMENTAL SERVICE

Creator, organizer and webmaster of the School of Education's collaborative and communicative space <http://soestaffpd.wikispaces.com/> 2008- Present

Chair, Educational Technology Committee, School of Education, UWI, 2007-Present

Member, Website Committee, School of Education, UWI, 2008-Present

Member, Blended Teaching and Learning Strategic Group, School of Education, UWI, 2011-Present.

Member, Professional Development Committee, School of Education, UWI, 2011- Present.

Chair, Professional Development Committee, School of Education, UWI, 2008-2010.

STATEMENT OF PUBLIC SERVICE

2015-2016

Provided pro bono consultative services to YTEPP managers regarding five planning meeting for the delivery of workshops intended to assist the organization to transition to blended and online course delivery using Moodle 2.X for administrators and instructors.

2013-2014

Conducted pro bono consultation with YTEPP to transform two (2) of their courses delivered via face to face mode, to be offered in a blended and eventually fully online mode. The courses were "Introduction to Adult Learning" and "Introduction to Television and Video Production". The project spanned June 2013 to November 2013

5. STATEMENT OF PROFESSIONAL DEVELOPMENT CONDUCTED

2014-2015

Facilitated a three-day interactive workshop on "Adapting face-to-face courses for blended and online delivery using Moodle 2.X" for administrative and instructors at YTEPP central training centre, on December 15, 2014, December 17, 2014 and January 6 2015. These development session were intended to equip participants with practical and systematic skills needed to transform two (2) additional courses delivered via face to face mode to be converted initially as blended courses, with the aim of being offered fully online. The two additional courses were Jewellery-Making and Cosmetology

2013-2014

Conducted technology integration workshops for 84 teachers {Early Childhood Care and Education (ECCE), Primary and Secondary teachers} on the STEMagination project, technology integration in Science

Technology Engineering and Mathematics (STEM). Convened by the Outreach Unit of the School of Education, UWI St Augustine held in 8th -11th April 2013 and 8th -12th July 2013

Facilitated a “Technology Integration for Beginning Teachers” workshop for teachers about to embark on their teaching careers on 6th August 2013. Convened by the Outreach Unit of the School of Education, UWI St Augustine.

“Fostering Engagement by using virtual collaborative spaces and ePortfolios” 29th August 2013 Conducted at St. Joseph’s Convent Port of Spain convened by the Outreach Unit of the School of Education, UWI St Augustine. Presentation and resources shared with members of staff by the creation of ePortfolios and current resources for the promotion of student engagement.

2012- 2013

“Teaching for Student Engagement” November 20th 2013. Conducted at Pleasantville Secondary School convened by the Outreach Unit of the School of Education, UWI St Augustine. Presentation and resources shared with members of staff by the creation of the school’s professional development wiki for teachers’ continued collaboration and sharing with relevant current resources for the promotion of student engagement.

Three workshops (Digital Mathematics Games in Education (Each one tailored uniquely for ECCE, Primary and Secondary schools) for the Mathematics Symposium- Embracing Possibilities held at the School, of Education on 21st-23rd June 2012

Workshop at the Principal’s Conference in Tobago on Tuesday May 1st 2012. ‘Transforming Education with ICTs’ - Conducted at the Magdalena Grand Hotel, Tobago. The theme was Transforming Education.

2011-2012

“Technology Integration for Student Engagement”. May 16th, 2011. Prepared for St Georges College, convened by the Outreach Unit of School of Education, UWI, 2011, Presentation and resources shared with members of staff by the creation of the school’s professional development wiki for teachers’ continued collaboration and sharing with relevant current resources for the promotion of student engagement. <http://4studentengagement.wikispaces.com/>

2010-2011

“Technology Integration for Student Engagement” May 7th, 2010. Prepared for Mayaro Composite School, convened by the Outreach Unit of School of Education, UWI, 2011, Presentation and relevant current resources shared with members of staff for upload on the schools’ website for the continued promotion of student engagement.

COURSES TAUGHT

2012-2016

ECCD 0210 Technology and Administration in Early Childhood Education– Certificate in Early Childhood Education Programme.

EDTK 3202 Production and Use of Educational Materials – Bachelor of Education Programme

ED523 The Practice of Education - Technology Integration Component– Post Graduate Diploma in Education Programme

2011-2012

ECCD 0210 Technology and Administration in Early Childhood Education– Certificate in Early Childhood Education Programme.

EDTL1720 Instructional Design- Online Course – Bachelor of Education Programme

ED523 The Practice of Education - Technology Integration– Diploma in Education Programme

2009-2010

EDTL1720 Instructional Design (Online and Blended) – Bachelor of Education Programme

EDTK 3202 Production and Use of Educational Materials– Bachelor in Education Programme

ED523 The Practice of Education- Technology Integration and Media – Diploma in Education Programme

EDSC 6004 Technology in the Science Classroom– Masters in Education Programme

COURSES DEVELOPED/RE-DEVELOPED/

2015-2016

Presently writing (2 courses) 1 Certificate in Liberal Arts and 1 Bachelor in Education courses
(a)Certificate in Liberal Arts-Traversing Technologies in the Liberal Arts
(b)Bachelor in Education- Production and use of Educational Materials for Physical Education

2014-2015

Re-developed the Technology Integration module to complement the new Diploma in Education 2015-2016

2012- 2013

Technology Integration component of ED523 The Practice of Education was re-written to facilitate a request by the Minister of Education for increased technology integration time and content for the Diploma in Education teachers on the programme.

2009-2010

EDSL 0103 Educational Technologies for School Librarians

WORKSHOPS, WEBINARS, SEMINARS, PROFESSIONAL DEVELOPMENTAL

ACTIVITIES AND CONFERENCES ATTENDED

2015-2016

Attended an Elsevier E-book publications workshop on Tuesday 22nd, September 2015 at the Alma Jordan Library, Main campus, St. Augustine

2014-2015

Attended a national symposium on “The Future of Learning through Technology” September 3, 2014 with Dr. Sugata Mitra (Renowned for the hole in the wall project in Mumbai, India) as the keynote speaker, under the auspices of the Ministry of Tertiary Education and Skills Training.

Participated in a workshop entitled “Engaging students using Voicethread” facilitated by Dr. Dianne Thurab- Nkhosi of the Centre for Excellence in Teaching and Learning, on October 16 2014

Participated in a Mixed Methods Research workshop Part2, conducted by Professor Anthony Onwuegbuzie and Dr. Cindy Bengé, March 30th 2015, organized by the School of Education.

Seminar conducted by Professor Dave Yearwood on September 25th 2014 from 9-11 am. at the Teaching and Learning Centre, St Augustine, Trinidad.

2013-2014

Training on the use of the new SmartBoards available at the Teaching and Learning Centre
The training was conducted on 25th June 2014.

Mixed Methods Research workshop Part1, conducted by Professor Anthony Onwuegbuzie and Dr. Cindy Bengé, April 14th-16th 2014, organized by the Professional Development and Outreach Unit. Three (3) professional development points gained and mixed methods research project commenced with colleagues from the workshop.

Advanced NVivo workshop series conducted by Dr. Kristi Jackson on advanced tools to enhance qualitative research projects by exploring the data collection, organization, representation, analysis and visualization. The workshops were held from Tuesday, April 1, 2014 at 9:00 AM to Wednesday, April 2, 2014 at 4:00 PM (EDT) at MicroTek - Atlanta, 1000 Abernathy Road Northpark Building 400, Suite 194, Atlanta, Georgia 30328. A manual was supplied.

2013

Adobe Contribute (software training for editing/maintaining the SOE’s website) workshop conducted by Ms Kamella Joseph on 7th May 2013

STAR Staff Research Seminar Series – 23rd October 2012 to 14th May 2013, organized by the Centre for Excellence in Teaching and Learning (CeTL). The seminars offered staff an opportunity to discuss individual on-going research and to work together to develop purposeful research methods and methodologies. Staff from all areas of the university came together, found common ground and common

solutions to research issues. By adopting a cross-faculty approach to discussion on research in order for staff to work together to develop a progressive, formative and supportive research environment.

2012

Blended Learning Using Turnitin for Plagiarism Detection facilitated by the Centre of Excellence in Teaching and Learning UWI, St Augustine on 28th November 2012

“Writing for Publication 2: Strategic Approaches to Getting Your Work Published” facilitated by the Centre of Excellence in Teaching and Learning UWI, St Augustine on Tuesday 28th June 2012

Research Methodology: Key Considerations in Research facilitated by the Instructional development Unit Thursday May 10th 2012

Writing for Publication 1: The Writing Process facilitated by the Instructional Development Unit Tuesday 8th May 2012

Blended Learning: creating Screencasts Using CamStudio facilitated by the Instructional Development Unit 7th February, 2012

2011 Campus Technology Virtual Conference_ Online Conference and Expo. May, 12th

2009

15th Annual Sloan-C International Conference on Online Learning, Orlando, Florida, USA. October, 28-30, 2009

2008

E-Learn World Conference on E-Learning in Corporate, Government, Healthcare, and Higher Education, Las Vegas, Nevada, USA. November, 17- 21 2008

myeLearning Training Workshop for Staff of the School of Education, St. Augustine, 14th April, 2008. Facilitated by Dr. John Gedeon of the Instructional Development Unit (IDU) UWI, St. Augustine

70th Annual Conference of the International Technology Education Association, Salt Lake City, Nevada, USA. February 21-23, 2008

Respectfully submitted

Sandra Figaro-Henry