CURRICULUM VITAE

Samuel Nicholas Lochan 24 Western Circle WESTMOORINGS

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NAME: Samuel Lochan

POST- Lecturer

EDUCATIONAL QUALIFICATIONS

2004	Awarded Ph.D in Education UWI St. Augustine. Thesis entitled "Entrepreneurship- a challenge facing the education system of Trinidad and Tobago."
1989 - 1992	U.W.I. St. Augustine. M.Ed in Teacher Education. M.Ed. Thesis dealt with the issue of Teacher Training.
1983 - 1984	University of the West Indies, St Augustine, Diploma in Education - specialisation in the Teaching of Economics.
1973 - 1976	University of the West Indies, St. Augustine. B.Sc. in Economics (Lower Second Honors).

SERVICE TO REGIONAL AND INTERNATIONAL AGENCIES

(1) Service to Caribbean Examinations Council

2003 -2005Served as Assistant Chief Examiner for Caribbean
Examinations Council in the subject Principles of Business.
Participated in exam setting exercises for a two year period

BOOK WRITING FOR CAPE CXC-I was part of a regional team assembled by Caribbean Examinations Council to prepare this textbook for CAPE Caribbean Studies. After the book was prepared and used for a year the team was reassembled and trained to convert the materials into self instructional material for distance learning. I prepared two sections; Development and Sports. The writing process took more than a year in both cases and the final book in both cases covered the entire Caribbean Studies syllabus and ran up to approximately 300 pages

Browne, D., Carter, H., Mohammed, J., Lochan, S. (2003). Caribbean Studies. Self-study for Distance Learning. Caribbean Examinations Council.

(2) SERVICE TO THE COMMONWEALTH OF LEARNING

2000 BOOK WRITING FOR COMMONWEATLH OF LEARNING-Under the direction of Carol Keller, Jennifer Mohammed and Samuel Lochan collaborated on a project for COL to write the named below. This book was produced from the proceeds of a conference on educational financing organized by COL This project lasted approximately one year and was a direct request from Lucy Stuart the then head of COL

> Mohammed, J & Lochan, S. (2000). Understanding educational financing- A manual for Developing countries. Commonwealth Secretariat.(195 pages)

(3) SERVICE TO UNESCO AND INTERNATIONAL LABOUR ORGANIZATION

2000 WRITNG OF MONOGRAPHS FOR ILO and UNESCO-Collaborated with the late Professor Dennis Pantin in a study for the ILO the findings of which were also used in a UNESCO publication. This study lasted approximately one year. This study focused on education for work in Barbados, Trinidad and Jamaica. Monographs listed below here. The UNESCO version is shorter than the ILO version

> Lochan, S. (2000). Education and Work. Case studies of Trinidad and Tobago, Jamaica, and Barbados. EFA in the

Caribbean: Assessment 2000. Monograph series NO. 23. UNESCO. (62 pages)

Lochan S (2000). Education and work. Case studies of Trinidad and Tobago, Jamaica and Barbados. ILO Caribbean Studies and working paper NO 5. (92 PAGES)

(4) SERVICE TO THE UNDP AND THE UWI

January 2007-2008 UNDP/UWI LEADERSHIP PROJECT-Collaborated in a project with Professor Anne Marie Bissessar, Dr Gabrielle Hosein and other lecturers from Social Sciences Faculty UWI in preparation of a year long course for the preparation of young leaders across the Caribbean. Project coordinated by the Business Development Office at UWI, St Augustine and sponsored by the UNDP. This course involved several modules which were delivered by a combination of online and face to face. I was responsible for the preparation of a module on leadership which was offered online. I served also as the online tutor. This course involved residential classes in St Augustine Campus as well as in Guyana in which I participated.

SERVICE TO THE GOVERNMENT OF TRINIDAD AND TOBAGO

SERVED ON INTERVIEW PANEL AT MOE-Provided support to the Head of the Teacher Performance and Teacher Professional Development Unit at the MOE, Beulah Mitchell. Served as member of a three member interview panel on the 16/09/09, 09/02/10, 22/03/10 to select candidates for the post of Teacher Education Specialist in the Ministry of Education.
ACCREDITATION COUNCIL OF TRINIDAD AND TOBAGO-Selected and trained as External Evaluator for the Accreditation Council of Trinidad and Tobago. Have chaired several accreditation exercises of tertiary level institutions on behalf of the Accreditation Council of Trinidad and Tobago in the last few years. Have also conducted review of tertiary level providers seeking transnational recognition. Have chaired two external evaluations so far in 2011-

Request for recognition of Masters' programme offered by

	Sheffield University; Request for recognition of Masters' programme by CREDI in collaboration with Duquesne University.
2004-2005	FORMULATION OF NATIONAL POLICY ON TEACHER EDUCATION FOR MOE- Served on a new Teacher Professional Development Unit of the Ministry of Education under team Head Dr Melville Myers for one year Played key role in the writing of a policy document to guide the transformation of teacher education in Trinidad and Tobago. Wrote several speeches for the then Minister of Education Hazel Manning.
2004	MOE/OAS COLLABORATION- Spent one week in the month of June in Kamloops, Vancouver on a project to produce an online course for training in the use of IT in the classroom. The week was spent at Thompson Rivers University. My role was to make the IT course used at Thompson Rivers suitable for a Caribbean environment. Project organized by Dr Marva Ribeiro of the International Office of the MOE and Kathryn McKnoughton of Thompson Rivers University.
	MOE/OAS COLLABORATION- Participated in one week project at the OAS Head Office in Washington USA to adapt the OAS Course Quality in Basic Education. My associate in this workshop was Dr Paula Mark. This collaboration was also organized by Dr Marva Ribeiro of the International Office of the MOE. This course is offered online on the OAS portal annually in the Caribbean to teachers of the region.
2002-2009	TEXTBOOK REVIEW COMMITTEE-Member of the Textbook Evaluation Committee now called the Learning Materials Evaluation Committee. Head of the Committee for the evaluation of social studies textbooks for the primary and secondary schools of Trinidad and Tobago. Participated in the training of textbook reviewers as well as conducted several reviews of texts for both the primary and the secondary level.

SERVICE TO UWI	
2011 February	PARTICIPATION ON PANEL AT CAVEHILL CAMPUS-Represented School of Education, UWI, St Augustine as Member of panel for symposium sponsored by Cave Hill Campus School of Education on February 25 th 2011 at Cave Hill Campus. Panel consisted of Dr Jennifer Obidah from Cave Hill, Professor Errol Miller from Mona, Dr Ian Baptiste from Open Campus and myself. The title of symposium was "Teacher Training and Development in the Caribbean: Knowing what was, what is and what should be"
2010-2011	ASSISTED WITH WORKSHOP OF ECONOMICS DEPARTMENT-Supported Econ. Dept. UWI at an all day workshop with Secondary school teachers of economics on Saturday January 30 th 2010. Meeting took place at Deane St Augustine. Assisted Professor Karl Theodore with information required about the teaching of economics in the school system to help in preparation of the meeting with school teachers.
2009	REVIEWER FOR JOURNAL OF EDUCATIONAL DEVELOPMENT IN THE CARIBBEAN- Since 2009 I have been a reviewer for this journal out of Mona campus.
2007-2008	DEPUTY DEAN DISTANCE AND OUTREACH FHE- My duties included monitoring all distance education programmes of the Faculty as well as the foreign exchange programmes. I liaised constantly with the Registry to settle student matters and I worked on the reinstatement of the Exchange Programme with Dartmouth University. I attended all Departmental, Faculty and Academic Board meetings.
2009	OPEN CAMPUS-Coordinator of online courses for Open Campus-EDFA 2401 and EDFA 2402. This involved coordination of writing of 20 written units for online instruction for the course Cultural Diversity Citizenship and Schooling 1 and 2 in 2009. In addition I wrote six of those modules. Continue to serve as course coordinator for

these two courses, managing tutors, delivering teleconferences and dealing with queries of students on a daily basis. Also I set up and monitor weekly discussion forums for all students and tutors online.

SERVICE TO THE SCHOOL 2011	ST JOSEPHS CONVENT ST JOSEPH- Conducted 2 hr session with staff of St Josephs' Convent, St Joseph on the
	effective use of technology in the classroom UNIVERSITY OF TRINIDAD AND TOBAGO-Delivered a two hour session to the third year class in UTT in the course " Contemporary issues in education" The title of the session was " A critical look at achievement in education".
2009-2010	ST AUGUSTINE SENIOR COMPREHENSIVE SCHOOL- conducted a two hour session on Caribbean Studies to CAPE students at St Augustine Senior Comprehensive School November 2009.
February 2006	LUTCHMI GIRLS HINDU SCHOOL-Delivered two addresses to parents of the Lutchmi Girls' Hindhu School.
July 6 th th 2006	VALSAYN TEACHERS COLLEGE-Delivered feature address at the final graduation ceremony of Valsayn Teachers' College before the college was transformed into a campus of the University of Trinidad and Tobago.
June 20th 2006	CUREPE JUNIOR SECONDARY-Half day workshop on lesson planning with the Heads of Department, Senior Teachers and Vice Principal of Curepe Junior Secondary School.
June 23 rd 2006	PRIVATE SCHOOLS PRINCIPALS ASSOCIATIOIN- Delivered address to the Annual General Meeting of the Association of Private Secondary Schools of Trinidad and Tobago at Paramount Building, San Fernando. Address entitled "Addressing The Needs of the Child in the New Educational Environment"
June 24 th 2006	TTUTA-Delivered address to the Staff Representatives meeting of The Trinidad and Tobago Unified Teachers' Association. Address dealt with the Reform of Teacher Education in Trinidad and Tobago.

MONOGRAPH 2001	Quamin	a-Aiyejina L, Keller C, Mohammed J, Rampaul B, George J, Kallon M, Lochan S. Primary Teacher Education A Baseline study . School of Education. UWI St Augustine. 2001
JOURNAL ARTIC	LES IN F	REFEREED JOURNALS
2008	Lochan	S & Barrow D. (2008). Extra Lessons: A comparison between "different sides of the track" in Trinidad and Tobago. <u>Caribbean Curriculum.</u> School of Education, U.W.I., St. Augustine. Vol. 15, 2008 pp. 45-71.
1994	Lochan,	S. (1994) Establishing a clear link between the primary school social studies programme and the life experiences of students. Social Studies Education. Faculty of Education . UWI St. Augustine. pp 10-13.
BOOK REVIEW I	N INTER	NATIONAL JOURNAL
2010-2011	Barrow,	Dorian A. and Lochan, Samuel (2011). Education in a hidden marketplace: monitoring of private tuition; Private supplementary tutoring in Central Asia: new opportunities and burdens; Confronting the shadow education system: what government policies for what private tutoring? Compare: <u>A Journal of Comparative and International Education</u> , 41: 1, 153-155.
JOURNAL ARTICLES IN INTERNATIONAL JOURNAL		

2011-2012 Barrow, D. & Lochan S. (2012). Supplementary tutoring in Trinidad and Tobago: some implications for policy. <u>International</u> <u>Review of Education</u> Volume 58

JOURNAL ARTICLE IN PROCESS

2011 (June) Paper presented at the Biennnial conference on Education from June 15-19 at UWI Mona. Paper entitled "An exploration of the early teaching experiences of beginning teachers before entering the Diploma in Education programme at UWI, St Augustine. Interviews conducted with 12 teachers from the diploma in education programme 2010-2011. Paper will be completed for publication.

PROCEEDINGS OF CONFERENCES

- 2002 Lochan, S., Joseph, A., Hackett, R., (2002). School improvement and information technology in primary schools in Trinidad and Tobago. Papers of the information technology in education conference28th September-30th September 2000. National Institute of Higher Education Research Science and Technology.
- 2000 Lochan, S., Joseph, A., Hackett, R., and Carrington, W. (2000). Planning for the implementation of technology. A key factor in the partnering between education and technology. <u>Caribbean Affairs. Journal of Caribbean studies.</u> School of Continuing Studies UWI. St Augustine.

JOURNAL OF A SUBJECT TEACHERS' ASSOCIATION-

Lochan, S (1988). Some observations on consumer sovereignty and consumer protection in Trinidad and Tobago. <u>ASSET</u>. <u>Journal of the Economics Association of Trinidad and Tobago</u>. Vol 2 No. 1 pp44-58. (Dennis Pantin and Dr Terrence Farrel of the UWI Econ Dept served as editors.) Association of Economics and Social Sciences Teachers Association.(NOW DEFUNCT)

WORK EXPERIENCE

2010-2011	Served	on four active committees at the School of Education;
	i. ii. iii. iv.	Member of strategic planning committee for Post Graduate Studies The B.Ed renewal committee The Dip. Ed renewal committee The Pre- Service Dip Ed committee.
2005-Present		Lecturer at School of Education, UWI, St Augustine Have worked on the B.Ed. Primary programme, the Diploma in Education Programme, The Masters in Health Promotion, the Masters in Educational leadership and supervised several M.Ed. and M.Phil. theses. M.Ed Leadership-Taught the course Action Research to principals and senior teachers of secondary schools as well as supervised several practicum for principals and senior teachers throughout Trinidad and Tobago.
2001-2004		Lecturer at Valsayn Teachers' College and Head of Department in the Teaching of Social Studies.
1997-2001		Worked on a number of courses in the B.Ed Primary in Educational Leadership organized for Primary School Principals. Taught - The Management of Physical Resources. Supervised many principals in their practicum in schools throughout Trinidad and Tobago. Lecturer in the Teaching of Social Studies at the School of Education UWI, St Augustine.
1994 – 1996		Lecturer in Social Studies at Valsayn Teachers College.
1993 - 1994		Teacher at Trinity College Moka Maraval. Taught A'Level Economics, General Paper, CXC Accounts and Principles of Business.
1991 - 1993		Temporary Lecturer - Department of Educational Foundations and Teacher Education, Faculty of Education, The University of the West Indies, St Augustine.

1978-1991		Teacher at Trinity College Moka, Maraval.
CURRENT D	UTIES:	
2011-2012.	1.	Lectured in new course EDFA 5212 Educational Milieu in the new Pre-Service Post Graduate Diploma in Education Programme. Also supervised students on teaching practice.
	2.	As lecturer in the Dip Ed Programme for secondary school teachers: (this programme runs for two semesters and involves five weeks of whole day commitment during July and August as well as one full week at Easter and Christmas)
	i.	 Coordination of the Social Studies Curriculum Area. a. Coordinate the work of the other two lecturers in the department. b. Participate in the selection of students for entry into the diploma programme. Assess applications and submit final list to coordinator of the diploma programme. c. Lead in the design of the programme of work for the residential sessions which we offer in July/August, Easter and at Christmas. d. Arrange the programme for final evaluation of Teaching in May. e. Assist in the induction of new lecturers into the department. f. Responsible for placing final marks for this course on Banner. g. At present arranging for the delivery of the Social Sciences Dip Ed_curriculum in Tobago for secondary teachers in Tobago for the academic year 2011-2012. This an entirely new arrangement to better meet the needs of teachers from Tobago . This involves selecting lecturers for delivery in Tobago and making up a schedule of visits for 2011-2012.
	ii.	Coordinator of the Professional Identity module.a. Arrange meetings of participating lecturers to determine content of moduleb. Arrange for the division the work of delivery of sessions among participating lecturers.

- c. Monitor the module during the two semesters to ensure smooth delivery.
- d. Obtain feedback from students for improvement of module.
- iii. Oversight of the PI Module in the Tobago Diploma in Education Programme. I liaise consistently with the Coordinator of the Tobago Dip Ed. Dr Verleen Bobb-Lewis to ensure the PI module for Tobago maintain the same standards as the PI Module in Trinidad.
- iv. Made at least five site visits each to 10 secondary school teachers throughout Trinidad and Tobago during the academic year. This year I had one student in Point Fortin, one in Princes Town, one in Sangre Grande and seven others across the island.
- v. Supervise and assess 10 Dissertation studies (3000 words), 10 Foundations studies paper 1 and 10 foundation studies paper 2 (2500 words). Dissertations and Foundations paper 2 involve first and second marking.
- vi. Supervise 10 action research projects (5000 words) through each stage of problem statement, literature review, design, analysis and interpretation. This requires several hours by email as well as individual face to face supervision. Assessment involves first and second marking.
- vii. Supervise and assess 10 portfolios of work reflecting the year's involvement in the diploma in education programme.
- viii. Prepare two hour curriculum development sessions for teachers every Friday
- 3. As Coordinator and lecturer in Course EDFA 2402 in the Bed. Primary. (This course runs for two semesters)
 - i. Provide course outlines, reading lists and assessments for the course.
 - ii. Arrange for the provision of four part- time tutors.
 - iii. Coordinate the work of 4 part time tutors and two lecturers.
 - iv. Provide lectures as well as coordinate the lectures of part time staff.
 - v. Manage the entry of marks on Banner at the end of the semester
 - vi. In addition since 2009 materials for EDFA 2401 and EDFA 2402 have been developed so that these courses are now offered in a blended mode. I manage the online version to support the face to face version by opening up the relevant sections and ensuring the smooth flow of the online version.

As Lecturer in Masters in Health Promotion- HEPR 6005
Professional Development Elective and Fieldwork (this
course also runs during the August period and requires
online supervision during the term):

- i. I am involved in the delivery of a module during August to prepare students for field project during the August period.
- ii. Responsible for coordinating the marking of final assignments by four members of staff.
 iii. Responsible for collating marks and entering marks on Banner.
- iv. During August there will be presentations to be made by each of the 30 students on this programme for which I will have to organize the evaluation.
- v. Responsible for monitoring the written report on the project by 8 students during the year.
- 5. As supervisor of post graduate students:
 - i. Am at present supervising two PHd students and three M. Phil students. This requires setting up frequent meeting times for giving guidance and feedback.
 - ii. One Phd candidate Joan Bobb-Dann will submit thesis by July 2011
 - iii. Am at present supervising three M.Ed dissertations.
 - iv. Attend post graduate seminars when students supervised are presenting their research proposals
 - v. Have supervised at least 12 masters theses over the last five years
- 6. At present I am second marker for two courses;

EDGC 6214- Career Development ED22T- The Economy and Social Life in Trinidad and Tobago.

RESEARCH ACTIVITIES 2011-2012	Presented a paper with Beular Mitchell at ACTT conference at NAPA, November 2011."A search for standards in Teacher Education in Trinidad and Tobago- the quest for legitimacy"
2010-2011	Engaged in the writing of several new courses for different programmes at the Bachelor's and Diploma level :

		as part of the B.Ed committee played a lead role in conceptualizing and writing new programme for a pre- service B.Ed at the primary level.
		Collaborated with Dr Margaret Cain to develop and write a new practicum course for entrants to the B.Ed primary who lack any previous teacher training
		Played lead role in developing and writing course for the new Pre-service Dip Ed entitled "The professional Teacher Continuum". Undertook the complete writing and re- writing till final submission to Faculty Board.
	iv.	Played lead role in developing and writing course for a new Pre-service Dip Ed entitled "The Educational Milieu" Undertook the complete writing and re-writing until final submission to Faculty Board.
	V.	Participated in the development of "Practicum course" for the new Pre-Service Dip Ed
	vi.	Re-wrote two already existing courses EDFA 2401 and EDFA 2402 in a blended mode for submission as part of a new Generalist B.Ed primary.
2011 April		Prepared submission to the Ministry of Planning, Economic and Social Restructuring and Gender Affairs in connection with the thrust towards the development of innovation in Trinidad and Tobago. Power point presentation prepared in conjunction with Mr Carol Keller on behalf of the School of Education. Presentation dealt with the development of an innovation strategy specific to the Trinidad and Tobago context, culture and history.
2009		Presented paper on "An evaluation of the Quality in Basic Education project in Trinidad and Tobago 1995-2003" at a conference on "Implementation Challenges" 18 th -19 th of March 2009 organized by the Faculty of Social Sciences, UWI St Augustine.
2007		Began research project in January 2007 with Dr Dorian Barrow on the phenomenon of extra-lessons in Trinidad

	and Tobago. Instrument designed and survey carried out in Secondary Schools throughout Trinidad and Tobago.
	Research project extended in 2008 to include primary level in Trinidad and Tobago. Survey instrument designed and survey implemented in about thirty schools throughout the country.
	In July 2008 survey extended to include small sample in Barbados, Grenada, St Vincent, Dominica.
	All survey data now entered on SPSS system and available digitally to facilitate analysis and presentation.
	Paper on preliminary findings presented at the Fourth Biennial Conference on education held from the 23 rd to the 26 th of April 2007 at UWI St Augustine.
	Presented paper at the Fourth Biennial Conference on Education at UWI, St Augustine 23 rd to 26 th April 2007. Paper entitled "Towards a conception of entrepreneurship relevant for the University of the West Indies".
2006	Presented paper on "Education and Entrepreneurship" at conference on "Small and Medium Enterprises" organized by NOVA committee of the North Trinidad Chamber of Commerce at Crowne Plaza in March 2006.
2005	Presented paper at conference at Crowne Plaza organized by Ministry of Science and Technology and the Accreditation Council of Trinidad and Tobago in November 2005. Paper entitled "Challenges in the generation of standards and accreditation systems for Tertiary Level Education in Trinidad and Tobago in the context of a CSME with special reference to teacher education". Paper prepared jointly with the Head of the School of Education, Mr Carol Keller.
2004	Presented paper on "Entrepreneurship- beyond critical thinking and creative thinking" at an International conference on Critical Thinking organized by the University of the West Indies, St Augustine, Trinidad and Tobago.

2003-2009	Education columnist for the Trinidad and Tobago Review. Wrote several articles for the Trinidad and Tobago Review during the period 2003-2009. Lloyd Best was the managing editor during this period.
2002	During the months August-December contributed six articles to the Education Perspective column of the Trinidad Express Newspaper.
1999	Assisted Dr Edric Gift with Caricom/OAS research project to assess the level of citizenship education at the Primary School level in Trinidad and Tobago.
1999	.Presented paper on "Education for Democracy. Myth or reality?" with Dr. Edric Gift at the Fifth Biennial Conference on Education held at the University of the West Indies, St Augustine.
Outreach	
2010-2011	Provided single session consultations with the following four Non-UWI doctoral students during this year. Heidi Holder of CUNY; Franklyn Baldeo from University of the Southern Caribbean; Hazel Ann Depeaza- Gibbs of UTT all of whom were pursuing studies in teacher education. Also with Glenford Joseph of UTT whose interest was in entrepreneurship and innovation.
May 2007	Attended two-day workshop for external evaluators organized by the Accreditation Council of Trinidad and Tobago (ACTT). Workshop intended to prepare evaluators for the accreditation process in Trinidad and Tobago and the rest of the Caribbean.
April 2006	Delivered a one-day workshop at St Josephs' Convent, St Joseph for the entire staff on the first day of the new term. Workshop dealt with constructivism in education.
January 2006	Delivered a session in the CAPE Caribbean Studies to the students and teachers of St Joseph's Girls Convent, St Joseph.
2004	Invited by the Ministry to present paper on "Teaching for Entrepreneurship" at the Rudranath Capildeo Learning

	Resource Center (RCLRC), to a group of teachers from the school system charged with the responsibility to write national curriculum for forms four and five secondary level.
	Invited by Teachers of Bishop Anstey High School to deliver talk on "Education the Way to Peace in the World" at the school hall to a group of Fourth and Sixth form students from various secondary schools in Port of Spain.
	Invited by St Augustine Girls' High School to be part of a panel with Principal of the University of the West Indies, Dr Bhoe Tewarie and Dr Karen Moore to address parents and students on the issue of career choices.
2003	Conducted two-hour session with novice teachers of Holy Name Convent on classroom management strategies.
	Delivered address on "The way forward for the primary school system" at the Allan Harris conference organized by the Trinidad and Tobago Review.
	Delivered address to the incoming class to the teacher- training programme of technical/vocational teachers organized by the various technical institutes in Trinidad and Tobago.
2002	Presented feature address on educational reform at Trinidad and Tobago Unified Teachers' Association (TTUTA) professional day in the Caroni District.
1999	Participated in two radio talk shows; one on the issue of gender with Dr. Jeanette Morris and another on education reform with retired educator Hope Braithwaite.
1998	Presented session on Instructional Leadership to principals from the Caribbean region at a workshop for Seventh Day Adventist (S.D.A.) Schools organized by Caribbean Union College.
1997	Made presentation on effective instruction at one-day workshop organized by the Southern Academy- a Private Secondary School in South Trinidad.

1997	Made presentation on teacher-student relationships at workshop organised by ROYTEC (Royal Bank Educational Community) for all its tutors.
1997	Conducted one day workshop for teachers at Charlieville Boys' ASJA College on lesson planning and classroom management.
Professional Development	
2011	Participated in workshops on blended learning organized by Professor Fowler at the SOE during 2011
2009-2010	Participated in course on Microsoft Office Outlook 2007. Completed 15 contact hours in November 2009. Course offered by the Microsoft IT Academy at UWI.
	Attended 3 hour workshop on the 25 th March 2010 arranged by the IDU. Workshop dealt with advanced power point.
Professional Associations	
1975-present	Foundation and life member of the Trinidad and Tobago Economics Association.
2010-present	Member of the Trinidad and Tobago Educational Leadership Management and Administration Society (TELMAS). A local chapter of the Commonwealth Council of Educational Administration and Management Society.
2011	Member of the Association of Teacher Educators (ATE)