

**Roberta Thimbriel, M.Sc., M.Ed, B.Sc., (ASCP)<sup>cm</sup>**

Interdisciplinary Health Science

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**Education**

- 08/18- Present Doctor of Philosophy in Interdisciplinary Health Science  
University of Texas at El Paso, El Paso, TX 79968
- 08/09 - 05/14 Master of Science in Clinical Laboratory Science  
Idaho State University, Pocatello, ID 83209  
Thesis title: Prevalence of iron deficiency anemia in school age children 5 to 12 years old in Belize.
- 01/04 – 04/06 Master Degree in Education  
University of North Florida, Jacksonville FL
- 08/00 - 08/02 Bachelor of Science in Biology  
University of South Florida, Tampa FL 33620
- 08/98 – 06/00 Associate of Science in Biology and Chemistry  
St. John's College Junior College, Belize City, Belize, C.A.

**Clinical Internship**

- 06/11 -08/11 Central Medical Laboratory, Princess Margaret Drive, Belize City, Belize, C.A.
- 09/11- 10/11 Boise Veterans Affairs Medical Center, Boise, ID 83702
- 10/11 - 11/11 Interpath Laboratories, Boise, ID 83704

**Research**

- 08/18- present Determining the presence of antibodies to Hemeoxygenase – 1 protein in serum from patients with SLE and other illnesses. (Mentor, Dr. Jacen Moore)
- 08/18 – present Develop a fully humanized monoclonal antibody against Rattle snake venom (Mentor, Dr. Jacen Moore)
- 08/17 – 05/18 Quality of life and needs assessment of cancer patients in Belize. (Proposal was approved by Ministry of Health in Belize)
- 01/15 – 08/16 Assessment of Cardiovascular Risk Factors among University of Belize

students.

08/12 – 05/14 Prevalence of iron deficiency anemia in school age children 5 to 12 years old in Belize. (Mentor, Dr. Kathleen Spiegel)

### **Professional & Teaching Experience**

09/18 – present Graduate Research Associate  
University of Texas at El Paso, El Paso, TX

06/12 – 08/18 Lecturer in Medical Laboratory Technology/Science program  
University of Belize, Belmopan City, Belize, C.A.

03/10 - 06/12 Forensic Analyst II/Quality Manager  
National Forensic Science Service, Ladyville, Belize, C.A.

08/09- 05/11 Teaching Assistant in Biological Sciences  
Idaho State University, Pocatello, ID

08/06 - 01/09 Biology/Chemistry/Earth Space Science Teacher  
A. Phillip Randolph Academies of Technology, Jacksonville, FL

01/05-04/06 Graduate Assistant in the College of Education,  
University of North Florida, Jacksonville, FL

08/02 –08/04 Biology and Integrated Science Teacher  
Belmopan Comprehensive High School, Belmopan City, Belize, C.A.

### **Awards and Fellowships**

09/18 – Present Graduate Research Associate at UTEP

05/18 Lecture of the Year award in Medical Laboratory Technology Department at  
University of Belize

02/15 & 02/18 Wellcome Trust/Sanger Institute Bursaries

08/09 – 04/11 Teaching Assistantship and Non Resident-tuition Waiver Award at ISU

01/05 – 04/06 Graduate Assistantship at UNF

08/00 – 08/02 OAS SPECAF 2000-2001 and 2001-2002 Fellowship Award

01/05 – 04/06 Latin American and Caribbean Scholarship from UNF

08/00 – 08/02 Latin American and Caribbean Scholarship from USF

08/98 – 06/00 Landivar Scholarships from Junior College

06/98 Salutatorian of 1998 high school graduating class

06/98 Earned the Awards of Recognition and Excellence in the 1998 Caribbean

## Council Examinations

### Professional Affiliations

American Society of Clinical Pathologist Medical Laboratory Scientist Certification (Nov 2011-present) (Certificated ID: 240412)

University of Belize's Faculty and Staff Association (2012 – 2018)

State of Florida Department of Education (Professional Educator's Certificate for Biology and Chemistry 6<sup>th</sup> -12<sup>th</sup> grade, July 2007 – June 30, 2012; Certificate # 1010132)

American Federation of Teachers (August 2006 – January 2009)

### Publications

Husaini, D. C., Salazar, D., Thimbriel, R., Nwachukwu, I.E., & Dominguez, A.D. (2016). Assessment of Cardiovascular Risk Factors among University of Belize Students.

### Presentations

Thimbriel, R. (2018). Immunophenotyping of leukemia cells in cancer patients in Belize. Poster session presented at the Immunophenotyping: Generation and Analysis of Immunological Data Sets Advanced Course at Wellcome Genome Campus, Hinxton, UK.

### Special Professional Development

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| 06/18 | Online Developers - Engaging Students in Online Learning   |
| 06/18 | Online Developers - Principles of Effective Online Teaching, University of Belize. A one day online training.                                    |
| 02/18 | Immunophenotyping: Generation and Analysis of Immunological Data Sets Advanced Course at Wellcome Genome Campus, Hinxton, UK. A one week course. |
| 03/17 | Antimicrobial Resistance Workshop, PAHO and the Public Health Agency of Canada, Belize City, Belize. A three day workshop.                       |
| 05/15 | Teaching Adult Learners (andragogy), Association of Tertiary Level Institutions of Belize. A one day workshop.                                   |
| 05/15 | Academic Advising, Association of Tertiary Level Institutions of Belize. A one day workshop.   |
| 02/15 | Genomics and Epidemiological Surveillance of Bacterial Pathogens at University of Costa Rica, San Jose, Costa Rica. A one week course.           |

11/13 Accreditation Awareness Workshop by CARICOM Regional Organization for Standards and Accreditation. A 1 day workshop held in Belize City, Belize.

**Special Service**

08/17 Facilitated the implementation of the new Bachelor of Medical Laboratory Science program at the University of Belize.

06/15 Submitted the proposal with three different curriculum tracks for the Bachelor of Medical Laboratory Science program at the University of Belize.

06/15 Assisted with the development of a draft National Laboratory Policy document as the University of Belize's Representative on the National Laboratory Working Group.

06/14 Conducted feasibility study to develop a Bachelor's degree program in Medical Laboratory Science at the University of Belize.

06/13 Completed Quality Enhancement Plan for the Associate of Medical Laboratory Technology program at the University of Belize.

**References**

Available upon request