

## EDUCATION

- 1995-2001**      **TEXAS SOUTHERN UNIVERSITY**, Houston, Texas.  
*Doctor of Philosophy in Environmental Toxicology.* August 2001
- 1988-1992**      **TEXAS SOUTHERN UNIVERSITY**, Houston, Texas  
*Bachelor of Science.* May 1992  
*Major: Biology    Minor: Chemistry*
- 1986-1988**      **PRAIRIE VIEW A&M UNIVERSITY**, Prairie View, Texas  
*Major Biology    Minor: Chemistry*

## WORK EXPERIENCE

- 2003-Present**      **TEXAS SOUTHERN UNIVERSITY**  
Department of Biology  
*Visiting Assistant Professor:*  
Responsibilities Included: Lecture preparation and delivery for General Biology, grade computation and submission, student advisement, course assessment
- 2009-Present**      **TEXAS SOUTHERN UNIVERSITY**  
*Director of the Department of Research Enhancement and Compliance Services*  
Program management, coordinate and implement activities that strengthen joint research efforts, for faculty and students with external institutions and agencies, report preparation, facilitate and monitor activities of the university research compliance committees, program assessment, prepare reports, assurances and registrations for submission to external governing agencies, implement and coordinate faculty seed and travel grant award process, manage and administer seed, travel and startup grants; Manage operations of university animal care facilities; Electronic management, and review of research protocols using electronic management system; supervisory responsibilities
- 2007-2009**      **TEXAS SOUTHERN UNIVERSITY**  
*Program Director Enhance Faculty Research Program*  
Grant management, enhance relations with business and industry for program advancement, coordinate and implement activities that strengthen joint research efforts for faculty and students with external institutions and agencies, report preparation, facilitate and monitor activities of the university research compliance committees, implement and coordinate faculty seed and travel grant award process, manage and administer seed, travel and startup grants; supervisory responsibilities
- 2001-2007**      **TEXAS SOUTHERN UNIVERSITY**  
*Development Officer Environmental Toxicology Ph.D. Program/ Enhanced Faculty Research Program*  
Responsibilities: Develop and implement fundraising strategies, proposal development for government funded grants, grant management, enhance relations with business and industry for program advancement, coordinate and implement activities that strengthen joint research efforts for faculty and students with external institutions and agencies, report preparation, newsletter development, student inquiry correspondence, facilitate and monitor activities of the university research compliance committees, implement monitor and manage the activities of the Environmental Toxicology program, implement and coordinate faculty seed and travel grant award process, manage and administer seed, travel and startup grants; supervisory responsibilities
- 2002-2003**      **HOUSTON COMMUNITY COLLEGE**

Natural Science Department

***Adjunct Faculty***

Responsibilities: Laboratory practical and lecture preparation and delivery for General Biology and Anatomy and Physiology courses, grade computation and submission

**2000-2001**

**TEXAS SOUTHERN UNIVERSITY**

College of Pharmacy and Health Sciences.

***Administrative Assistant for Center For Toxicological Research (CTR) Project:***

Responsibilities: Creating requisitions, ordering research supplies, and equipment liaison between CTR lab, Grants and Contracts, Purchasing and Accounts Payable departments, filing, typing, billing, word processing.

**1995-1999**

**TEXAS SOUTHERN UNIVERSITY**

Department of Biology

***Graduate Teaching Assistant:***

Responsibilities Included: Laboratory Practical preparations for General, Cellular and Molecular Biology; Lecture preparation and delivery for General Biology, grade computation and submission.

**Summer 1998**

**UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER - HOUSTON**

Department of Internal Medicine

***Summer Intern:***

Title of research project: "ACROLEIN, 4-HYDROXYNOLENAL, AND SILICA INDUCED APOPTOSIS: A preliminary investigation of A549, and MSR II MAC as potentially useful cell lines in silica induced respiratory toxicity study."

Responsibilities Included: Western blot analyses, cell culturing, preparing various buffers and solutions

**1992 - 1995**

**UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER - HOUSTON**

Department of Surgery/ Division of Immunology and Organ Transplantation.

***Research Assistant II:***

Responsibilities Included: Immunology and Histocompatibility testing for solid organ transplantation. HLA typing for ABC and DR Antigens found on peripheral blood lymphocytes; crossmatching and antibody identification (using serial dilutions and titrations); sterile mixed lymphocyte culture assays; serum screening or percent reactive antibodies; Preparing various buffers and solutions; and on-call rotation

**ABSTRACTS AND PUBLICATIONS**

**Effects of Lead on Dopamine Levels and Tyrosine Hydroxylase Gene Expression**

Presented at Research Day/ Texas Southern University  
Houston, Texas 2000

**Lead –Induced Alterations of Dopaminergic Signaling Systems in Pheochromocytoma Cells (*Dissertation*)**

Presented at Annual Society of Toxicology Meeting  
Nashville, Tennessee 2002

**SKILLS**

High Performance Liquid Chromatography Analysis, Western Blot Analysis and Autoradiography, Immunoradioassay, Cell Culture, Research Animal Care and Handling, Neuro- microdissection, Immunology and Histocompatibility Testing, Proposal Writing, Microsoft Office (ie. Microsoft Word, Excel, Publisher and Powerpoint), Graph Pad and InStat Statistical Software, Electronic management, and review of research protocols using the TOPAZ system

## **AWARDS , ORGANIZATIONS AND COMMITTEES**

- Prairie View A & M University Scholarship (1986-1987)
- National Dean's List Nominee (1986-1992)
- Who's Who Among Students in America's Universities and Colleges (1986-1992)
- Tri – Beta National Biological Honor Society (Treasurer, 1991 –1992)
- Minority Access To Research Careers (MARC) Scholarship (1990-1992)
- Graduated Cum Laude – Texas Southern University (1992)
- Environmental Toxicology Graduate School Advisory Committee Student Member (1996-1998)
- Environmental Protection Agency (EPA) Fellowship (1996-1999)
- Environmental Toxicology Journal Club – UT (Summer & 1999)
- Environmental Toxicology Graduate Student Association – TSU (Secretary 1999-2001)
- National Institute of Environmental Health Science (NIEHS) Fellowship (1999-2001)
- Environmental Toxicology Journal Club – TSU (Summer 1999 – 2001)
- Society of Toxicology Member – (2000 – present)
- Enhanced Enterprise Community Network of Houston Governing Board Member (2002-2003)
- University Research Council Chairperson – TSU (2003- 2009)
- University Research Committee Chairperson – TSU (2009-present)
- Graduate Recruitment Committee Chairperson - TSU (2003-2004)
- Grants Management Compliance Committee – TSU (2003-present)
- Communications Council – TSU (2003 – 2004)
- Development Council – TSU (2003 – 2004)
- University Resource Council –TSU (2003-2005)
- University Research Advisory Council (2009-present)

## **REFERENCES**

**Available upon request**