

Linda M. Gardiner, Ph.D

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LICENSURE (Credentials)

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*

AREAS OF SPECIALIZATION Lead Neurotoxicity, Research Compliance and Regulatory Services
Health and Fitness, Community Outreach and Ministry

TEACHING EXPERIENCE

2003-Present **TEXAS SOUTHERN UNIVERSITY**
Department of Biology
Visiting Assistant Professor:
Responsibilities Include: Lecture preparation and delivery for General Biology for Biology Majors and Non-Majors, grade computation and submission, Curriculum Assessment, incoming student advisement,.

2002-2003 **HOUSTON COMMUNITY COLLEGE**
Natural Science Department
Adjunct Faculty
Responsibilities Included: Laboratory practical and lecture preparation and delivery for General Biology and Anatomy and Physiology courses, grade computation and submission

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.

RESEARCH EXPERIENCE

1998-2001 **TEXAS SOUTHERN UNIVERSITY**
College of Pharmacy and Health Sciences
Dissertation
"Lead -Induced Alterations of Dopaminergic Signaling Systems in Pheochromocytoma Cells"
Responsibilities Included: High Performance Liquid Chromatography Analysis, Western Blot Analysis and Autoradiography, Immunoradioassay, Cell Culture, Research Animal Care and Handling, Neuro- microdissection, Immunology

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; cross matching 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

RELATED EXPERIENCE

2010-Present TEXAS SOUTHERN UNIVERSITY
Office of Research/ Department of Research Enhancement and Compliance Services
Director
Proposal development for government funded grants, grant management, coordinate and implement activities that strengthen joint research efforts for faculty and students with external institutions and agencies, report preparation to external funding and compliance government agencies, newsletter development, student and faculty research compliance advisement, facilitate and monitor activities of the university research compliance committees, implement Environmental Toxicology program, implement and coordinate faculty seed and travel grant award process, manage and administer seed, travel, substance and subject use in research compliance training, time and effort certification program management and training, Staff supervision and departmental budget management, Management of two research animal care facilities

2007-2010 TEXAS SOUTHERN UNIVERSITY
Office of Research/ Department of Enhanced Faculty Research
Program Director
Proposal development for government funded grants, grant management, coordinate and implement activities that strengthen joint research efforts for faculty and students with external institutions and agencies, report preparation to external funding and compliance government agencies, newsletter development, student and faculty research compliance advisement, facilitate and monitor activities of the university research compliance committees, implement Environmental Toxicology program, implement and coordinate faculty seed and travel grant award process, manage and administer seed, travel, substance and subject use in research compliance training, time and effort certification program management and training, Staff supervision and departmental budget management

2001-2007 TEXAS SOUTHERN UNIVERSITY
Graduate School/ Office of Research
Development Officer
~and~
Environmental Toxicology Ph.D. Degree Program
Development Director
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 to external funding and compliance government agencies, newsletter development, student and faculty research compliance advisement, facilitate and monitor activities of the university research compliance committees, implement monitor and manage the activities of the Environmental Toxicology M.S. and Ph.D. Degree programs, implement and coordinate faculty seed and travel grant award process, manage and administer seed, travel and startup grants, staff supervision and departmental budget management

PUBLICATIONS

- 2014** *“The Effects of Industrial Grade, Multi Walled Carbon Nanotubes on Saccharomyces Cervisiae”*, International Journal of Applied Science and Technology, Vol. 4, No. 3; George Glasgow, Linda Gardiner, Shahlla Mir, Olufisayo Jejelowo, Ayodotun Sodipe
- 2013** *“Amplification of Stachybotrys Gene Using PCR, European International Journal of Science and Technology”*, ISSN: 2304-9693; Ayodotun O. Sodipe, Francis C. Ogbonna, Shalondria Simpson, Linda Gardiner, Olufisayo A. Jejelowo
- 2002** *“Lead –Induced Alterations of Dopaminergic Signaling Systems in Pheochromocytoma Cells”*, Annual Society of Toxicology Meeting, Nashville, Tennessee

ACADEMIC AND COMMUNITY SERVICE

- **Ministry Leadership Pilgrim Journey Baptist, Richmond, TX** - Church Worship Arts Ministries Director (2015-Present), Drama Ministry Director (2012-Present), Board of Trustees Member (2012- Present), Community Outreach Summer Youth Enrichment Program Director (Summer 2012-Summer 2019), Health Education and Drama Instructor (Summer 2012- Summer 2019), Sunday School and New Members Orientation Instructor (2011- Present) Media and Public Relations Ministry Director (2011 – August 2018)
- **Science Fair Judge for City Wide Competition and University of Houston Central Campus, Houston, TX** (Spring 2018)
- **Fort Bend County Round Up Competition Judge** in the area of Public Speaking/ Educational Presentations, Rosenberg, TX (Spring 2018)
- **College and Career Day at Wessendorf Middle School (Spoke to 400+ Students)** Richmond, TX (2014)
- **Investiture Ceremony Motivational Speech Girl Scouts of America, Richmond, TX** (2012)
- **Career Day at Garrett Elementary, Houston, TX** (2011)
- **Science Fair Judge at St. Mary of Purification Montessori School** Houston, Texas (2006 & 2007)
- **Science Fair Judge for the North Region of Houston Independent School District Secondary Science Fair** (2006)
- **Whispering Hope Christian Academy Grant Writing Committee**
Grant submitted to BP Energy Education Program in spring 2007
“An Exploration of the Environmental Benefits of Using Renewable Energy Resources” (2007)
- **Enhanced Enterprise Community Network of Houston Governing Board Member – TSU** (2002-2003)
- **University Research Council Chairperson – TSU** (2003- present)
- **Graduate Recruitment Committee Chairperson - TSU** (2003-2004)
- **Grants Management Compliance Committee – TSU** (2003-present)
- **Communications Council – TSU** (2003 – 2007)
- **Development Council – TSU** (2003 – 2007)
- **University Resource Council –TSU** (2005-2007)

PROFESSIONAL AFFILIATIONS

- Public Responsibility in Medicine and Research (PRIM&R)/ Institutional Animal Care and Use (IACUC) National Member (2007)
- Society of Toxicology Member – (2000 – 2002)

PROPOSAL DEVELOPMENT AND GRANT MANAGEMENT

2004-2009

**Department of Education/ Title III
TEXAS SOUTHERN UNIVERSITY
Strengthening HBGI Proposal
Ph.D. Degree Environmental Toxicology**

2004 - \$262,414	2007 - \$800,000
2005 - \$460,669	2008 - \$420,000
2006 - \$850,000	2009 - \$560,000

2001-2003

Telecommunication Infrastructure Fund Board

TEXAS SOUTHERN UNIVERSITY

Enhance Enterprise Community Network of Houston \$250,000

2002

Council of Graduate Schools

TEXAS SOUTHERN UNIVERSITY

Sloan Foundation Planning and Assessment Grant \$6,000

HONORS/AWARDS/ DISTINCTIONS

- Pilgrim Journey Baptist Church Honor for Distinguished Service in Education (2011)
- Texas Southern University Honor for Outstanding Services to the Office of Research (2014)
- Zeta Phi Beta Lullelia W. Harrison Dove Award Recipient (2006)
- 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)
- National Institute of Environmental Health Science (NIEHS) Fellowship (1999-2001)

PRESENTATIONS

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)

DRAMA PRODUCTIONS WRITTEN AND DIRECTED

PILGRIM JOURNEY BAPTIST CHURCH

YOUTH ENRICHMENT PROGRAM (YEP) CULMINATION

Boys to Men (2019)

God Is (2018)

You're Looking at a Miracle (2017)

Jesus is Love (2016)

Oh Happy Day (2014 and 2015)

Hang on Change is Coming (2013)

Still Gonna Pray (2012)

HOLIDAYS/ SPECIAL EVENTS

The Back of the Bus (2019)

Heavenly Choir (2017 and 2018)

Jesus is Love (Christmas) - 2016

Everything (2014)

Lean on Me (2013)

Shouting John (Requested Periodically 2012- Present)

Christ the Savior is Born (2012)

The Crucified Christ (2012)