

**BIOGRAPHICAL SKETCH**

Provide the following information for the key personnel in the order listed for Form Page 2.  
Follow the sample format for each person. **DO NOT EXCEED FOUR PAGES.**

NAME		POSITION TITLE	
SODIPE AYODOTUN OLUSOLA		Assistant Professor	
EDUCATION/TRAINING <i>(Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)</i>			
INSTITUTION AND LOCATION	DEGREE <i>(if applicable)</i>	YEAR(s)	FIELD OF STUDY
Texas Southern University, Houston, TX	B.S.	1990	Biology
Texas Southern Univ., Houston, TX	Ph.D.	2008	Environmental Toxicology

**Experience and Training:**

- 1986-1989 Minority Assess to Research Career Fellow, Department of Biology, Texas Southern University, Houston Texas
- 2000-2008 MBRS Fellow / Graduate Teaching Assistant, Laboratory of General Biology, Department of Biology, Texas Southern University, Houston, Texas
- 2004-2008 Research Associate / Teaching Assistant, Laboratory of Microbiology , Department of Biology, Texas Southern University, Houston, Texas
- 2007-2010 Visiting Assistant Instructor, Department of Biology, Texas Southern University, Houston, Texas
- 2008-Present Assistant Professor, Department of Biology, Texas Southern University, Houston, Texas

**Publications:**

Georgette Rolle, Sarah Munyi, Olufisayo A Jejelowo, Ayodotun O Sodipe, and Shishir Shishodia. High energy radiation induced activation of Cox-2 and MMP-9 is mediated by NF-Kappa B. Astrobiology science Conference. 2010.

M Akram Tariq, Shishir Shishodia, Govindarajan T Ramesh, Ayodotun O Sodipe, Olufisayo A Jejelowo, Nader Pourmand. DNA Repair Genes Expression Analysis Of Acute Dose Charge Particle Radiation. Astrobiology Science Conference 2010

Olufisayo A Jejelowo, Nader Pourmand, Govindarajan Ramesh, Ayodotun O Sodipe, Honglu Wu and Shishir Shishodia. Biological effects of high radiation on mice .

Baluchamy S, Zhang Y, Ravichandran P, Sodipe A, Hall J, Jejelowo O, Gridley D, Wu H, Ramesh GT. Expression Profile of DNA damage signaling Genes in Proton Exposed Mouse Brain . Molecular and Cellular Biochemistry 2010

BaluchamyS,ZhangY,RavichandranP,SodipeA,HallJ,JejelowoO,GridleyD,WuH,andRameshGT.  
Differential Expression Pattern of Oxidative Stress in Mouse Brain after Exposure to 2GY Proton Radiation.  
Genomics , Proteomics, and Bioinformatics 2010.

Baluchamy S, Zhang Y, Ravichandran P, Sodipe Ayodotun O, Jejelowo Olufisayo A, Wu Honglu, Gridley Della, and Ramesh G T. Induction of Oxidative Stress and Tissue damage by High Energy Proton particles in Brain. Advances in Space Research 2010

Rosenzweig Jason, Abogunde Ohunene, Thomas Kayama, Lawal Abidat, Nguyen Y Uyen, Sodipe Ayodotun O, Jejelewo Olufisayo A. Space flight and modeled microgravity effects on microbial growth and virulence. applied microbiology and biotechnology 27 Oct. 2009.