

Professional Resume

A.

BIOGRAPHICAL SKETCH			
Name	Position Title		
David Sunday Adegboye	Professor of Biology/ Vice Chancellor for Academic Affairs & Accreditation Liaison		
EDUCATION (Begin with baccalaureate or other initial professional education and include postdoctoral training.)			
INSTITUTION AND LOCATION	DEGREE	YEAR CONFERRED	FIELD OF STUDY
Ahmadu Bello University Zaria, Nigeria	D.V.M.	1972	Veterinary Science
University of Cambridge, Cambridge, U.K.	Ph.D.	1975	Microbiology/Immunology
NIAID/NIH, Bethesda, MD	Post-doc.	1978	Microbiology
University of London, U.K	Post-doc.	1990-91	Molecular Biology
Iowa State Univ., Ames, IA	Post-doc.	1993-95	Molecular Biology

B. PROFESSIONAL EXPERIENCE

	<u>DATE</u>
<u>Vice Chancellor for Academic Affairs & Accreditation Liaison</u> Southern University at New Orleans	Feb. 2010 to current
<u>Interim Vice Chancellor for Academic Affairs & Accreditation Liaison</u> Southern University at New Orleans	Feb. 2009 to Jan. 2010
<u>Associate Vice Chancellor for Academic Affairs & Accreditation Liaison</u> Southern University at New Orleans, LA	Mar. 2006 – Jan. 2009
<u>Chairperson, Department of Biology</u> Southern University at New Orleans, LA	1999 – Feb. 2006
<u>Campus Project Leader, Louisiana Biomedical Research Network</u> Southern University at New Orleans, LA	2002-2006
<u>Barron Hilton Professor of Nursing/Pre-Medical Careers</u> Dillard University, New Orleans, LA	1995-1999
<u>Visiting Professor, Biotechnology Research and Development Grant</u> Iowa State University, Ames, IA	1993-1995
<u>Visiting Professor, Commonwealth Senior Academic Staff Fellowship</u> University of London, London, United Kingdom	1990-1991
<u>Professor of Animal Production and Dean of Agriculture</u> University of Ilorin, Ilorin, Nigeria	1985-1989
<u>Professor of Microbiology and Assistant Dean Graduate & Research Affairs</u>	1983-1985
<u>Lecturer rising to Reader</u> Ahmadu Bello University, Zaria, Nigeria	1972-1983
<u>Fulbright Scholar</u> National Institutes of Health, Bethesda, MD	Aug.-Dec. 1981

C. MAJOR RESEARCH INTERESTS

- Variable surface proteins of mycoplasmas and the role in virulence
- Short tandem repeats in lipoprotein genes of urogenital mycoplasmas
- Genome of *Mycoplasma genitalium*

D. PUBLICATIONS (short list)

1. McGowin, C.L., Ma, L., Mancuso, M., Jensen, J.S., Hamasuna, R., **Adegboye, D.S.**, and Martin, D.H. 2011. Sequencing of the *Mycoplasma genitalium* genome: A comparative assessment of four geographically diverse strains. Abstract # R-1452, 111th General Meeting of the American Society for Microbiology, May 21-24, 2011, New Orleans, Louisiana.
2. Olorunshola, I., Akitoye, C., **Adegboye, D.**, Anorlu, R., Banwart, E., Egah, D., and Lombin, L. 2010. Speciation of *Ureaplasma* sp from STI patients in Nigeria. Program and Abstract, 18th Conference of International Organization for Mycoplasmaology, pg. 138-139. Also: Risk factor assessment and demographic profile of human urogenital mycoplasmosis in Nigeria, pg. 141. Also: Comparison of methods for the detection of human genital mycoplasmas in selected STD patients in Nigeria, pg. 212.
3. Mims-Devezin, L., Kambhampati, M., **Adegboye, D.S.** 2007. Integration of technology and virtual laboratories into the biology curriculum at an urban university: impact on students' attitude and response. J. Urban Educ. Focus on Enrichment 4(1): 42-51.

4. Olorunshola, I.D., Coker, A.O., **Adegboye, D.S.**, Banwat,E.B. and Lombin, L.H. 2007. Current status of human urogenital ureaplasmosis in Nigeria. Book of Abstracts, pg 67-68, International Conference on Chlamydia and Mycoplasma Human Infections, University of Ferrara, Ferrara, Italy, April 19-20, 2007.
5. Reimonenq, C.L. and **Adegboye, D.S.** 2006. Genetic variation in heat-shocked *Escherichia coli*. Book of Abstract 7th Annual HBCU-UP National Research Conference, Baltimore Marriot Waterfront. Organized by Bowie State University, February 9-12, 2006.
6. Agbonlahor, I. Kambhampati, M.S. and **Adegboye, D.S.** 2005. Phyto-genotoxicity of copper (Cu) in *Ipomoea lacunose* (Morning glory) seedlings: pilot studies. Refereed Proceedings 6th & 7th Annual DoE EPSCoR HRD and LS-LAMP Student Research Conference 2002, 2003, pg 227-229. ISSN 1554-7604.
7. **Adegboye, D.S.**, Kambhampati, M.S., Mims, L.R., Hardester, L.M., Charbonnet, D., Causey, M., and Clancy, M. 2005. A successful model for integrating high-technology courses for content requirements in science education: molecular biology course development at Southern University at New Orleans, State of Louisiana. *J. Urban Edu.* 2(1), 151-158.
8. Kambhampati, H.S., Hardy R., **Adegboye, D.S.**, Cosby, R., and Mims, L. 2005. Integration of technology into the biology curriculum for teacher preparation at Southern University at New Orleans. *J. Urban Edu.* 2(1), 10-18.
9. Sinegar, M. M. and **Adegboye, D.S.** 2002. Reliability of a commercial kit supply for imparting basic molecular biology skills to undergraduates. *SE Biology*, 49 (2), 132-133.
10. **Adegboye, D.S.**, Halbur, P.G., Nutsch, R.G., Kadlec, R.G., and Rosenbusch, R.F. 1996. *Mycoplasma bovis* – associated pneumonia and arthritis complicated with pyogranulomatous tenosynovitis in calves. *J Amer Vet Med Assoc.* 209 (3), 647-649.
11. Bansal, P., **Adegboye, D.S.**, and Rosenbusch, R.F. 1995. Immune responses to the capsular polysaccharide of *Mycoplasma dispar* in calves and mice. *Comp. Immun. Microbiol. Infect. Dis.* 18 (4), 259-268.
12. **Adegboye, D.S.**, Halbur, P.G., Cavanaugh, D.L., Werdin, R., Chase, C.C.L., Miskimins, D.W., and Rosenbusch, R.F. 1995. Immunohistochemical and pathological study of *Mycoplasma-bovis* - associated lung abscesses in calves. *J. Vet. Diagn. Invest.* 7 (3), 333-337.
13. **Adegboye, D.S.**, Raspberry, U., Halbur, P.G., Andrews, J.J., and Rosenbusch, R.F. 1995. Monoclonal antibody-based immunohistochemical technique for the detection of *Mycoplasma bovis* in formalin-fixed, paraffin-embedded calf lung tissues. *J. Vet. Diagn. Invest.* 7(2), 261-265.
14. Purewal, A.S., Smallwood, A.V., Kaushal, A., **Adegboye, D.S.** and Edington, N. 1992. Identification and control of the cis-acting elements of the immediate-early gene of equid herpesvirus type 1. *J. Gen. Virol.* 73, 513-519.
15. Isitor, G.N., Delman, H.D., **Adegboye, D.S.**, Ezeokoli, C.D. and Chineme, C.N. 1984. Ultrastructural evidence for the involvement of pox virions in lesions of bovine dermatophilosis. *Trop. Veterinarian* 2, 183-189.
16. Ilemobade, A.A., **Adegboye, D.S.**, Onoviran, O., and Chima, J. C. 1982. Immunodepressive effects of trypanosomal infection in cattle immunized against contagious bovine pleuropneumonia. *Parasit. Immuno.* 4, 273- 282.
17. **Adegboye, D.S.**, Briggs, N. D. And Lister, U. 1979. Cultural examination of female outpatients in Zaria, Nigeria, for genital mycoplasmas. *Nig. Med. J.* 9(7-9), 675-678.
18. Macfarlane, J.T., **Adegboye, D.S.**, and Warrell, M.J. 1979. *Mycoplasma pneumoniae* and the aetiology of lobar pneumonia in Northern Nigeria. *Thorax* 34(6), 713-719.
19. **Adegboye, D.S.** 1978. A review of mycoplasma-induced immunosuppression. *Br. Vet. J.* 134(6), 556-560.
20. **Adegboye, D.S.** 1978. Attempts to demonstrate cell-mediated immune response during *Mycoplasma suis* pneumoniae infection of pigs. *Res. Vet. Sci.*, 25 (3), 323-33

E. GRANTS AWARDED (major awards)

1. **Bioinformatics and Biotechnology Research Initiative.** U.S. Army Medical Research Acquisition Activity (USAMRAA) grant for research on *Mycoplasma genitalium* genome, in collaboration with the Louisiana State University Health Sciences Center, New Orleans, 2008-2011. PD/P.I. \$1.265 million.
2. **Development of Environmental Biotechnology Laboratory and Enhancement of Biology Curriculum.** US Department of Education, 2005-2008. Co-PI. \$263,000.
3. **Louisiana Biomedical Research Network.** A multi-campus National Institutes of Health grant, 2002-2005. Southern University at New Orleans (SUNO) Campus Coordinator. \$5.9 million.
4. **Enhancement of Microbiology Teaching and Research Infrastructure.** LA Board of Regents, 2003-2004. PI. \$53,497.
5. **Modernizing the Biology Curriculum at Southern University at New Orleans.** Department of Defense Infrastructure Support Program for HBCU/MI, 2000-2001. PI. \$194,298.00.
6. **Enhancement of Undergraduate Curriculum by the Integration of Molecular Biology.** LA Board of Regents, 2000-2001. PI. \$49,374.00.

F. MEMBERSHIP

1. American Society for Microbiology
2. International Organization for Mycoplasmaology
3. Association of Southeastern Biologists

G. COMMUNITY SERVICE

1. President (2000-2004) and Executive Board Member, African Christian Fellowship, New Orleans Chapter.
2. Motivational talks on career in the sciences to high school students during annual recruitment exercises at SUNO.
3. Neighborhood Watch, Willow Pointe Home Owners Association, Harvey, Louisiana.
4. Greeters, White Dove Fellowship Church, 3600 Manhattan Blvd., Harvey, Louisiana.

