

SIHAM ELAMIN

WORK ADDRESS:

Department of Biostatistics
University of Alabama at Birmingham
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Birmingham, AL 35294
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EDUCATION:

- Master of Science in Epidemiology, Center for Computational Epidemiology, Bioinformatics & Risk Analysis [CCEBRA](#), College of Veterinary Medicine, Tuskegee University- AL.
- Diploma in Large–Scale Dairy Farm Management. The Netherlands.
- DVM. (Doctor of Veterinary Medicine) [Zagazig University](#) – Egypt.

RESEARCH AND PROFESSIONAL EXPERIENCE:

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| June 2003 to Present | Postdoctoral Fellow
Department of Biostatistics, Section on Statistical Genetics
University of Alabama at Birmingham (UAB), Birmingham, AL |
| January 2003 to May 2003 | Center for Biomedical Research, RCMI
Neuroscience Laboratory, Tuskegee University
Involved in a study that investigated dementia associated with HIV. |
| January 2002 to December 2002 | Research Assistant
International Center for Tropical Animal Health, ICTAH
School of veterinary medicine, Tuskegee University.
Involved in a project that studied the effects of stress on the immune system. Also involved in a surveillance study for fish ponds owned by small farmers in Macon county. |
| August 1999 to September 2001 | Graduate Teaching Assistant
Center for Computational Epidemiology, Bioinformatics, and Risk Analysis, CCEBRA
My project titled Qualitative risk assessment for the introduction of Bovine Spongiform Encephalopathy into the United States via importation of live cattle and animal products from the adjacent countries was part of a risk analysis project (Joint project USDA/Harvard and Tuskegee University). I had the opportunity to become part of the computational modeling team, and to participate |

in the development of different risk analysis projects. My research was based on hazards identification, exposure assessment, and risk characterization.

1991 to 1998 **Research Assistant**
The National Veterinary Research Laboratory- Sudan.

1985 to 1990 **Veterinarian**
Khartoum Educational Veterinary Hospital- Sudan.

OCCUPATIONAL SKILLS:

- Different approaches to modeling including Monte Carlo simulations.
- Basic epidemiological methods, outbreaks investigations and management procedures.
- Assist teaching the Population Health courses to the undergraduates.
- Excellent computer skills in Windows, Excel, Access, Power Point, SAS and @risk soft ware.
- Biostatistical analysis using (SAS) and epidemiological interpretation of data.
- Molecular Biology routine techniques.

ADVANCED TRAINING AND PRESENTATIONS:

- Short course on Risk Assessment And Biostatistics, Tuskegee University- Center for Computational Epidemiology, Bioinformatics & Risk Analysis – December 2001
- Agro-bioterrorism Workshop (March 2002), Tuskegee University.
- USDA Agriculture Research Laboratory, Aquatic Animal Health, Auburn, AL June-August, 2002: (summer intern)
- Diagnosis and Treatment of Warm Water Fish Diseases, May 2002, University of Florida. (Intensive course)
- Poster (Qualitative risk assessment for the introduction of Bovine Spongiform Encephalopathy via importation of live cattle and animal products from the adjacent countries into the United States). The 35th Veterinary Symposium, Tuskegee University, March 2001.
- The Role of Women in Agriculture-paper, Uganda – the Regional course for rural development 1997. (Funded by the Netherlands Government Fellowship program)

AWARDS RECEIVED:

- Tuskegee University, graduate assistant teaching award (2000- 2001).
- The Netherlands Government Fellowship Program (1992).