

CURRICULUM VITAE

CONTACT:

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LANGUAGES:

- **English** written and spoken: excellent
- **Arabic** written and spoken: excellent
- **French** written and spoken: fluent

RESEARCH FOCUS:

Current: Environmental interactions and obesity, mortality, development of statistical techniques to examine population-based research

1990-Pres: Obesity and nutritional sciences research, environmental biology/chemistry, metals speciation, development of new analytical techniques for detection of environmental contaminants, contaminant fate and transport

POSTDOCTORAL TRAINING:

2006-Present National Institute of Health Postdoctoral Fellow

ACADEMIC TRAINING:

2006 **Ph.D.**, Environmental Science, Arkansas State University
2000 **M.Sc.**, Plant and Soil Science, North Carolina A&T State University
1995 **M.Sc.**, Environmental Studies, University of Khartoum, Sudan
1991 **B.Sc.**, Zoology (Honors), University of Khartoum, Sudan

AWARDS:

- 2006 NIH Postdoctoral Fellowship
- 2003-2005 Arkansas Bioscience Institute, partial funding for dissertation research
- 2005 American Chemical Society, women in science doctoral support award
- 2005 The Southern Regional Educational Board, outstanding dissertation award, career enhancement support
- 1991 Best undergraduate research project in environmental studies, University of Khartoum

TEACHING EXPERIENCE:

- 2000-2002 Instructor in Department of Environmental Sciences, NC A&T University:
- **EASC 201** The Earth-Man's Environment- Study of the earth's system as related to atmosphere, biosphere, hydrosphere and lithosphere. The interrelationship of humans with the earth's environment as revealed by the modification of natural processes. (**led course**).
 - **EASC 309** Elements of Physical Geology- The relation of geological principles in the development of a balanced concept of the earth and earth's history; rock and mineral identification, utilization of geological and topographical maps, geological processes, resource conservation, urban and environmental problems (**partial responsibility for lectures; led laboratory classes**).
- 1995-1996 Instructor at the Lebanese Community School, Abidjan, Ivory Coast
- English instructor for students ages 6 to 18 years of age
 - Developed novel techniques to teach English as a second language
- 1992-1995 Teaching and Research Assistant at the University of Khartoum
- Prepared lecture materials for laboratory exercises
 - Assisted in laboratory instruction and evaluation
 - Logged and analyzed data for research project collaboration with **Oxford University**, and the **University of Addis Ababa, Ethiopia**

PROFESSIONAL MEMBERSHIPS AND AFFILIATIONS:

- American Chemical Society
- Arkansas Bioscience Institute
- North American Association for the Study of Obesity (NAASO)
- Zoology Society, University of Khartoum
- Environmental Protection Society, Khartoum, Sudan
- Sudanese Environmentalist Association, Khartoum, Sudan
- Association of Research Directors, 1890 Land Grant Universities
- MANRRS (Minorities in Agriculture Natural Resources and Related Sciences)
- African Students Association member, Arkansas State University
- Middle East Committee Studies member, Arkansas State University

PUBLICATIONS, PEER-REVIEWED ABSTRACTS AND PRESENTATIONS:

Elobeid et al. Speciation Analysis of metals in tobacco smoke using a GC-ICP-MS, **Dissertation Research, several papers in preparation, 2006.**

Elobeid, M., Chai, Y., Clarke, D., Hannigan, R. and Russ, J. Published. Speciation analysis with GC-ICP-MS: Organometal detection in tobacco smoke. *Proceedings of the Royal Society of Chemistry, 2006.*

Elobeid, M.A., Clarke, D. H., Hannigan, R., and Russ, J. Chemical Analysis of Tobacco Smoke Using GC-NCD, GC-SCD, GC-FID, and GC-ICP-MS. Arkansas Academy of Science Annual Meeting, Jonesboro, AR. April 2-3, 2004.

Elobeid, M., Russ, J., and Hannigan, R. Metal composition of tobacco smoke by GC-ICP-MS. Annual meeting of the Society for Research on Nicotine and Tobacco, Scottsdale, AZ. February 17-22, 2004.

Elobeid, M., and Hannigan, R. Metals speciation in the 2R4F smoke using a GC-ICP-MS. Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy (PITTCON), Orlando, Florida. March 12-17, 2006.

Elobeid, M., and Hannigan, R. Butyltins Speciation in tobacco smoke using a GC-MS. Pittsburgh Conference on Analytical Chemistry and Applied Spectroscopy (PITTCON), Orlando, Florida. March 12-17, 2006.

Elobeid MA, Renee A. Desmond, Olivia Thomas, Scott W. Keith, David B. Allison. Waist Circumference Values are Increasing Beyond that Expected from Body Mass Index Increases. *Submitted to journal of "Obesity"*.

Brock DW, Keith SW, **Elobeid MA**, Allison DB. Does intentional weight loss influence mortality and other hard end points favorably? Confessions of a closet Bayesian and Occam-ite. *Proceedings of the 10th International Congress on Obesity. Sydney, Australia 2006.*

David B. Allison, **MA Elobeid**, Myles S. Faith, Stephanie Sargent, Robert Berkowitz, Gary Cutter, Theresa McVie, Kishore Gadde & Gary D. Foster. Sample Size & Risk Assessment in Obesity Trials: Patient Perspective vs. Current Practice. *Submitted to JAMA.*

Elobeid MA, Miguel A. Padila, Theresa McVie, Olivia Thomas, David W. Brock, Bret Musser, Kaifeng Lu, Christopher S. Coffey, Renee A. Desmond, Marie-Pierre St-Onge, Kishore M. Gadde, Steven B. Heymsfield, and David B. Allison. An Empirical Evaluation of Missing Data Due to Drop-Outs in Randomized Clinical Trials for Weight Loss: Scope of the Problem, State of the Field, and Performance of Statistical Methods. *In preparation.*

Brock DW, Keith SW, **Elobeid MA**, Allison DB. Does intentional weight loss influence mortality and other hard end points favorably? Confessions of a closet Bayesian and Occam-ite. *Presented by Dr. David B. Allison in the 10th International Congress on Obesity. Sydney, Australia 2006.*

Elobeid MA, Renee A. Desmond, Olivia Thomas, Scott W. Keith, David B. Allison. Has the Association of BMI with Waist Girth Changed over Calendar Time? *Presented at NAASO 2006 in Boston, MA.*

David B. Allison, **MA Elobeid**, Myles S. Faith, Stephanie Sargent, Robert Berkowitz, Gary Cutter, Theresa McVie, Kishore Gadde & Gary D. Foster. Sample Size & Risk Assessment in Obesity Trials: Patient Perspective vs. Current Practice. *Presented at NAASO 2006 in Boston, MA.*