

Margaret L. Khaita

ADDRESS

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CURRENT POSITION

Professor, International Veterinary Epidemiology.
December 1, 2013 – present. Duties include development of an international/one health program within the College of Veterinary Medicine and teaching Epidemiology courses within the Doctor of Veterinary Medicine (DVM) and/or graduate curriculum.

EDUCATION

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| 1994-1999 | The Ohio State University, Columbus, Ohio
Ph.D. in Veterinary Preventive Medicine/ Epidemiology with a strong biostatistics component. Thesis Title: Herd characteristics and management practices related to high milk production and production of high milk quality in two regions of Ohio. |
| 1986-1987 | University of Edinburgh, Scotland, United Kingdom.
Master of Science (MSc) in Tropical Veterinary Medicine
Thesis Title: Use of Meat Inspection Records in Veterinary Planning. |
| 1978-1982 | Makerere University, Kampala, Uganda.
Bachelor of Veterinary Medicine (BVM) |

ADDITIONAL SPECIALIZED TRAINING

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| 9/13-10/10, 1990 | Epidemiologic and Economic Investigation as a Planning Basis for Animal Health Programmes , Feldafing, Munich, Federal Republic of Germany. Acquired skills in applying principles of epidemiology and biostatistics to animal health programs. |
| 5/1- 30, 1990 | Vaccine Production and Quality Control , Debre-Zeit, Ethiopia. A study tour sponsored by Food and Agricultural Organization project at the college of Veterinary Medicine, Makerere University, Kampala, Uganda. Acquired skills in production and quality control of vaccines. |
| 7/3-14, 1989 | Livestock Hygiene and Production Relationships , International Livestock Center for Africa (ILCA), Addis-Ababa, Ethiopia. Gained insight in the dynamics of livestock production systems. |
| 10/1-12/10, 1987 | Agricultural Extension Technology in the Tropics , University of Edinburgh, School of Agriculture, Scotland, United Kingdom. Acquired skills in extension education and communication skills. |

3/30-4/3, 1987

Microcomputing for Data Management, University of Edinburgh, School of Agriculture, Scotland, United Kingdom. Acquired skills in use of computers for data management.

HONORS AND AWARDS

- **Carnegie African Diaspora Fellowship** to Makerere University, Kampala, Uganda, and Sokoine University of Agriculture, Morogoro, Tanzania, summer 2017.
- Received **The President's Commission on the Status of Women (PCSW) Award (Faculty Category)** at Mississippi State University, April 04, 2017.
- Nominated to serve on **Association of American Veterinary Medical Colleges (AAVMC) Working Group on Experiences of Students in the Developing World**, April 03, 2017.
- **Carnegie African Diaspora Fellowship** to Makerere University, Kampala, Uganda, summer 2014.
- Nominated by Department of Veterinary & Microbiological Sciences for the North Dakota Agriculture Experiment Station **Larson/Yaggie Excellence in Research Award**, Early Career, November, 2012.
- Inducted into **The Tapestry of Diverse Talents**, November 2011, a pictorial mosaic that recognizes students, faculty, staff and alumni for the diversity and contributions they bring to North Dakota State University.
- Nominated by Department of Veterinary & Microbiological Sciences for the North Dakota Agriculture Experiment Station **Earl and Dorothy Foster Excellence in Teaching Award**, Early Career, October, 2007.
- Board Certification to the American College of Veterinary and Preventive Medicine (ACVPM), July, 2006. National award that recognizes expertise in Veterinary Preventive Medicine discipline.
- **Gamma Sigma Delta** - the honor society of agriculture - inducted 2006; NDSU chapter.
- **Phi Zeta** National Honor Society of Veterinary Medicine, inducted in 1997.
- **World Bank Scholarship**, 1994.
- **1st place Award for Project Presentation**, Agricultural Extension Technology in the Tropics course, University of Edinburgh, School of Agriculture, Scotland, United Kingdom, 1987.

PROFESSIONAL EXPERIENCE

1/1/03-11/29/13

Assistant Professor (2003-09), and Associate Professor (2009-13) Epidemiology, Department of Veterinary and Microbiological Sciences, North Dakota State University, Fargo, ND 58105.
Responsibilities included conducting research in food safety & Infectious Disease Epidemiology & developing & teaching courses in epidemiology. I also served on several committees & advised graduate students & postdoctoral associates.

1/1/01-12/31/02

Postdoctoral Research Fellow, Department of Veterinary and Biomedical sciences, Institute of Agriculture & Natural Resources, University of Nebraska-Lincoln. Working with a food safety research project investigating spatial and temporal relationships of *Escherichia coli* O157:H7 and *Salmonella* in feedlot cattle.

- 9/1/96-7/31/98 **Graduate Student**, In charge of the Herd Quality Mastitis Laboratory, Department of Veterinary Preventive Medicine, The Ohio State University. Responsibilities included microbiologic evaluation of milk samples submitted to the laboratory from Ohio and neighboring states.
- 2/1/88-9/9/94 **Lecturer**, Department of Veterinary Public Health and Preventive Medicine, Faculty of Veterinary Medicine, Makerere University, Kampala, Uganda. Responsibilities included:
1. Teaching undergraduate students of veterinary medicine the following courses: veterinary epidemiology, veterinary public health, veterinary preventive medicine and veterinary extension education.
 2. Supervising veterinary public health-related practical sessions and field trips.
 3. Supervising research projects for veterinary medicine students.
- 2/1/83-9/24/87 **Veterinary Officer**, Ministry of Agriculture, Animal Industry and Fisheries, Uganda.
- In charge of livestock disease control programs in Mukono district, Uganda.

PROFESSIONAL REVIEWING

- Editorial Board of *The Africa Journal of Animal & Biomedical Sciences* (AJABS) January 2006 – present:
- Have reviewed for the following journals: *Journal of Veterinary Preventive Medicine*; *Journal of Applied Microbiology*. *Journal of American Veterinary Research*; *Journal of Food Safety*; *Journal of Food Protection*; *Journal of Foodborne Pathogens and Disease*; *Journal of American Veterinary Research*. *The Bovine Practitioners*; *Research in Veterinary Science*; *The Canadian Veterinary Journal*; *Tropical Animal Health and Production*

GRANT REVIEWING

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| 6/03/14- 6/05/14 | Grant Reviewer for US Department of Agriculture (USDA) National Institutes of Food & Agriculture (NIFA).
2014: USDA-NIFA Predoctoral & Postdoctoral Grant Review Panel |
| 5/28/11- 5/31/13 | Grant Reviewer for US Department of Agriculture (USDA) National Institutes of Food & Agriculture (NIFA).
2013: USDA-NIFA Predoctoral & Postdoctoral Grant Review Panel |
| 3/28/11- 4/1/11 | Grant Reviewer for US Department of Agriculture (USDA) National Institutes of Food & Agriculture (NIFA).
2011: USDA-NIFA Predoctoral & Postdoctoral Grant Review Panel |
| 4/15/10- 4/17/10 | Grant Reviewer for US Department of Agriculture (USDA):
2010: USDA-NIFA 1890 Capacity Building Grant Research Review Panel |
| 8/17/09- 8/20/09 | Grant Reviewer for US Department of Agriculture (USDA): USDA Agriculture and Food Research Initiative's Food Safety & Epidemiology program Review |

Panel.

7/27/09- 7/31/09

Grant Reviewer for US Department of Agriculture (USDA):
USDA Agriculture and Food Research Initiative's Animal Health
program Review Panel.

PROFESSIONAL MEMBERSHIPS

Uganda Veterinary Association 1982 - present

North Dakota Veterinary Medical Association, November 12, 2004 – 2009.

The Conference of Research Workers in Animal Diseases (CRWAD), November 16,
2004 – present.

Association for Veterinary Epidemiology and Preventive Medicine,
November 16, 2004 – present.

American Veterinary Medical Association, January 2005 –2009.

American Public Health Association, August 2006 – 2009.

American College of Veterinary Preventive Medicine, 2006 -present

American Society for Microbiology, May 2007 – 2013.

Association of American Veterinary Medical Colleges (AAVMC) – member of the International
Affairs committee and the Public Health committee, July 2006 – 2012; and One Health
Committee, 2013-present.

International Association for Food Protection, April 2008 – present.

SERVICE

Served on a Tripartite (World Health Organization-WHO, Food & Agriculture Organization-
FAO and World Animal Health Organization-OIE) Technical Working Group on Training and
Workforce Development: Review of WHO/FAO/OIE Tripartite Zoonoses Guide (September,
2017 –March 2018); met through WebEx.

Served in several Professional associations including: Co-Chair of sessions at the
Conference of Research Workers in Animal Disease (CRWAD); Member, One Health
Committee of Association of American Veterinary Medical Colleges.

Served on several committees of the University, College & Department at North Dakota State
University including the North Dakota State University Global Council (2003-2013).

Advised the first African Students Union at NDSU (2009-2013).

Mentored several high school students under the North Dakota Governor's School
Program (2004-2012).

Founder of a Non-governmental Organization - North America Masaba Cultural Association
(NAMCA) (2001) and Chairperson, NAMCA Founders Council (2007-2009).

Founder, and Chair, Planning Committee for Higher Education Resource Services-East Africa
(HERS-EA) – founded August 5, 2014. HERS-EA is affiliated to Higher Education Resource
Services (HERS) USA <http://www.hersnet.org/> (October 2012 – present).

Member, Board of Directors, Africa Institute for Strategic Animal Resource Services and
Development (AFRISA) <http://www.afrisa-africa.org/>, an Academic-Community-Public- Private

PUBLICATIONS

Refereed Journal articles (over 70); Peer Reviewed Proceedings/ symposia (6)
Non Refereed/Extension articles (7); Book Chapters (1)
Published Abstracts/Proceedings of International Meetings (25)
Published Abstracts/Proceedings of National Meetings (over 50)
State/Regional meetings/presentations (34)
Other Invited Scientific Presentations (6)
Non-Research Presentations (8)

Refereed Papers

1. **Khaita, M.L.**, J. Hammond, and J. Opuda-Asibo. 1994. Use of Meat Inspection Records in Veterinary Planning. *Bulletin of Animal Health and Production in Africa*, 42, pp.317-326.
2. **Khaita, M.L.**, T. Wittum, K.L. Smith, J.L. Henderson, K.H. Hoblet. 2000. Herd characteristics and management practices associated with bulk tank somatic cell counts in herds in official Dairy Herd Improvement Association programs in Ohio. *Am. J. Vet. Res*; 61 (9):1092-1098.
3. **Khaita, M.L.**, T.E. Wittum, K.L. Smith, J.L. Henderson, K.H. Hoblet. 2001. Characteristics and management practices associated with milk production in dairy herds in Ohio enrolled in official Dairy Herd Improvement Association programs. *Am. J. Vet. Res*; 62 (8):1262 -1266.
4. **Khaita, M.L.**, D.R. Smith, J.A. Stoner, A. M. Parkhurst, S. Hinkley, T.J. Klopfenstein, R.A. Moxley. 2003. Incidence duration and prevalence of *Escherichia coli* O157:H7 fecal shedding by feedlot cattle during the feeding period. *J. Food Prot.* 66(11):1972-1977.
5. Schuler L.A, **M.L. Khaita**, N. Dyer, C.L. Stoltenow. 2004. Evaluation of an outbreak of West Nile virus infection in horses: 569 cases (2002). *J. Am. Vet. Med. Ass.* 225 (7): 1084-1089.
6. **Khaita, M.L.**, M. L. Bauer, P. S. Gibbs, G. P. Lardy, D. Doetkott, and R. K. Kegode. 2005. Comparison of two sampling methods for *Escherichia coli* O157:H7 detection in feedlot cattle. *J. Food Prot.* 68(8):1724-1728.
7. **Khaita, M.L.**, M. L. Bauer, G. P. Lardy, D. Doetkott, R. B. Kegode and P. S. Gibbs, 2006. Fecal shedding of *Escherichia coli* O157:H7 in North Dakota feedlot cattle in the fall and spring. *J. Food Prot.* 69(5):1154-1158.
8. **Khaita, M.L.**, R. Barigye, N.W. Dyer, D. Doetkott, JR Foster. 2006. Serologic and other Diagnostic Evidence of *Neospora caninum* presence in North Dakota Beef Herds. *The Bovine Practitioner* 40(1) 51-56.
9. Mafany-Mongoh, **Khaita, M.L.**, and N. Dyer. 2007. Environmental and Ecological Determinants of West Nile Virus Occurrence in Horses in North Dakota, 2002. *Epidemiol. Infect.* 135:57-66.
10. **Khaita, M.L.**, R. Kegode, M. L. Bauer, P. S. Gibbs, G. P. Lardy and D. Doetkott. 2007. A longitudinal study of *Salmonella* shedding and antimicrobial susceptibility patterns in North Dakota feedlot cattle. *J. Food Prot.* 70(2):476-481.
11. Tumuhairwe, E., R. Magel, M. Bhandary, **M.L. Khaita**. 2007. Salmonellosis Outbreaks in Humans in the United States, 1990-2003: The Contribution of Turkey as a Vehicle. *J. Food Protection Trends*, 27(5):300-306.
12. Uzoigwe, J.C., **M.L. Khaita**, P. S. Gibbs. 2007. Epidemiologic Evidence of *Mycobacterium avium* subspecies *paratuberculosis* as a Cause of Crohn's Disease. *Epidemiol. Infect.* 2007 Oct;135(7):1057-68. Epub 2007 Apr 20. Review.

13. Mafany-Mongoh, N. Dyer and C. Stoltenow, **M.L. Khaitisa**. 2007. Characterization of an outbreak of anthrax in animals in North Dakota: 243 cases (2005). *The Bovine Practitioner*, 41(2) 101-109.
14. **M. L. Khaitisa**, R. B. Kegode, D. K. Doetkott. 2007. Occurrence of Antimicrobial-resistant *Salmonella* species in Raw and Ready to Eat Turkey Meat Products from Retail Outlets in the Midwestern United States. *J. Foodborne Pathogens & Disease*, 4(4)517-525.
15. J. Oloya, M. Theis, M., D. Doetkott, N. Dyer, P. Gibbs, **M.L. Khaitisa**, 2007. Evaluation of *Salmonella* Occurrence in Domestic Animals and Humans in North Dakota (2000-2005). *J. Foodborne Pathogens & Disease*, 4(4)551-563.
16. Mafany-Mongoh, R. Hearne , N. W. Dyer and, **M. L. Khaitisa**, 2008. The economic impact of West Nile virus infection in horses in the North Dakota Equine Industry in 2002. *J. Tropical Animal Health & Production*, 40:69-76.
17. R. B. Kegode, D. K. Doetkott, I.V. Wesley, **M. L. Khaitisa**. 2008. Occurrence of *Campylobacter* species, *Salmonella* species, and generic *Escherichia coli* in meat products from retail outlets in the Midwestern United States. *Journal of Food Safety* 28:111–125.
18. Dawn C. Feltus, Catherine W. Giddings, **Margaret L. Khaitisa** and John M. McEvoy*. 2008. High prevalence of *Cryptosporidium bovis* and the deer-like genotype in calves compared to mature cows in beef cow-calf operations. *J. Veterinary Parasitology*, 2008 Feb 14;151(2-4):191-5. Epub 2007 Oct 25.
19. Ebot Tabe, James Oloya, Dawn K. Doetkott, Marc L. Bauer, P. Gibbs, **Margaret L. Khaitisa**. 2008. Comparative Effect of Probiotics on fecal shedding of *Escherichia coli* O157:H7 and *Salmonella* in naturally infected Feedlot cattle. *J. Food Prot.*, Vol. 71, No. 3, 2008, Pages 539– 544.
20. Mafany-Mongoh, N. W. Dyer and C. L. Stoltenow, **M. L. Khaitisa***. 2008. Risk Factors Associated with Anthrax Outbreak in Animals in North Dakota, 2005: A Retrospective Case Control Study. *Public Health Reports* Volume 123 (Number 3) Pages 352-359 May/June 2008.
21. Tumuhairwe, E., R. Magel, M. Bhandary, **M.L. Khaitisa**, 2008. Characterization of non-typhoidal Salmonellosis in Humans in ND: 386 cases (2000-2005). *J. Food Protection Trends*, Vol. 28, No. 5, 2008, Pages 304–313.
22. **Khaitisa, M.L.**, J. Oloya, D. K. Doetkott, R.B. Kegode. 2008. Antimicrobial resistance and association with Class-1 integrons in *Escherichia coli* Isolated from raw and ready to eat Turkey meat products. *Journal of Food Protection*, Vol. 71, No. 8, 2008, Pages 1679– 1684.
23. Mafany-Mongoh, N. W. Dyer and C. L. Stoltenow, **M. L. Khaitisa**. 2008. A Review of Management Practices for the Control of Anthrax in Animals: The 2005 Anthrax Outbreak in North Dakota - Case Study. *Zoonoses and Public Health*, Vol. 55 Issue 6, Pages 279 – 290.
24. Mafany-Mongoh, Hearne Robert, N. W. Dyer, C. L. Stoltenow, **M. L. Khaitisa**. 2008. Private and public economic incentives for the control of animal diseases: the case of anthrax in livestock . *J. Transboundary and Emerging Diseases*, 55 (2008) 319–328.
25. Robert Barigye, Neil W. Dyer, Teresa K. Newell, **Margaret L. Khaitisa**, James M. Trout, Monica Santinc, Ronald Fayer. 2008. Molecular and Immunohistochemical Detection of Assemblage E, *Giardia duodenalis* in Scouring North Dakota Calves. *Veterinary Parasitology* 157(3-4):196-202.
26. J. C. Uzoigwe, J. Oloya, N.W. Dyer, P. S. Gibbs, **M. L. Khaitisa**, 2008. Occurrence of *Mycobacterium avium* subspecies *paratuberculosis* infection in Cattle in North Dakota, 1995 – 2005. *The Bovine Practitioner*, 42(2) 160-168.
27. **Khaitisa, M.L.**, R.B. Kegode, D. K. Doetkott. 2008. Occurrence of Antimicrobial- resistant *Salmonella* serotypes shed in feces of bison in North

- Dakota. *The Bovine Practitioner*, 2008, 42(2) 148-154.
28. Oloya, J., D. Doetkott, **M.L. Khaita**. 2009. Antimicrobial drug resistance and molecular characterization of *Salmonella* isolated from domestic animals, humans and meat products. *J. Foodborne Pathogens & Disease*, 2009, 6(3) 273-284.
 29. Luke C. Heider, **M.L. Khaita, et al.** 2009. Genetic and phenotypic characterization of the bla_{CMY} gene from *Escherichia coli* and *Salmonella enterica* isolated from food-producing animals, humans, the environment and retail meat. *J. Foodborne Pathogens & Disease*, 2009, 6(3) 273-284.
 30. M. N. Mongoh, N. W. Dyer, W. Tidball, M. L. Khaita. 2009. Plaque-Reduction Neutralization Tests (PRNT) of equine sera after vaccination of horses against West Nile virus: 39 horses. *Africa Journal of Animal and Biomedical Sciences* 4 (2):32-37.
 31. Ebot S.Tabe, James Oloya, Dawn K. Doetkott, **Margaret L. Khaita**. 2010. Characterization of multidrug-resistant *Salmonella* Typhimurium serovar Copenhagen isolated from feedlot cattle. *Journal of Food Protection Trends*, Vol. 30, No. 5, Pages 273–279.
 32. Tabe E.; J. Oloya, Dawn K. Doetkott, M. L. Khaita, 2010. Genotypic diversity of *Escherichia coli* O157:H7 and *Salmonella enterica typhimurium* var Copenhagen isolated from feedlot cattle during finishing. *Africa Journal of Animal and Biomedical Sciences* 5 (3), 2010.ISSN: 1819-4214.
 33. Ebot S.Tabe, James Oloya, Dawn K. Doetkott, **Margaret L. Khaita**. 2011. Evaluation of Fecal Enrichment and Non-enrichment Methods for the detection of shiga toxin *Escherichia coli* in Feces of Naturally Infected Feedlot cattle. *Africa Journal of Animal and Biomedical Sciences*. Accepted August 23, 2011.
 34. Sasanya J. J, and M. L. Khaita. 2012. Epidemiology in times of bioterrorism. *British Journal of Medical and Health Sciences (BJMHS)*. Vol. 1, No. 3, pp 26-69, December 2012 URL: <http://www.bjmhs.baar.org.uk/current-issue.html>
 35. Michael Muleme, Robert Barigye, **Margaret L. Khaita**, Eugene Berry, Anthony W. Wamono, Chrisostom Ayebazibwe. 2013. Vaccines and vaccination programs for the control of Foot-and- mouth disease outbreaks in Uganda (2001 - 2010). *Journal of Tropical Animal Health & Production*. Volume 45, Issue 1 (2013), Page 35-43.
 36. Stella Opendi Sasanya, Susan Olet, Robert Littlefield, Charles L. Stoltenow and **Margaret L. Khaita**. 2013. Spatial-temporal Distribution of the 2007 Melamine Associated Nephrotoxic Renal failure among Pets and Factors Associated with Pet Survival. *Journal of Food Protection Trends*. March–April 2013, Vol 33 No.2 p.83-94. ISSN: 1541-9576. Article featured in the March/April 2013 issue of Food Protection Trends Science & News Magazine.
 37. Mugabi R., **M.L. Khaita**, R.A. Miller, J.L. Nakavuma, P. Ssajjakambwe, J.B. Kaneene , R. Barigye. 2012. Seroprevalence of brucellosis in selected herds of cattle and goats in Kiruhura district, Uganda. *Africa Journal of Animal and Biomedical Sciences* 7(2):28-30.
 38. Kiedrowski L.M., Perisetti A., Looock M.H., **Khaita M.L.**, Guerrero D.M. 2013. Disinfection of iPad® to Reduce Contamination with *Clostridium difficile* and Methicillin-Resistant *Staphylococcus aureus*. *American Journal of Infection Control*. 2013 May 6. pii: S0196-6553(13)00193-4. doi: 10.1016/j.ajic.2013.01.030. [Epub ahead of print].
 39. Mahero. M, Byarugaba, DK, Dawn K. Doetkott, Olet S and **Margaret L. Khaita**. 2013. Antimicrobial Resistance and Presence of Class 1 Integrins in *Salmonella* Serovars Isolated from Clinical Cases of Animals and Humans in North Dakota, USA and Kampala, Uganda. *Journal Clinical Microbiology* 2 (6) ISSN: 2327-5073 CMO, an open access journal.
 40. Ekiri A., Kabasa J.D and **Khaita, M.L.** 2013. International Infectious Disease Management: A Case Study of Internationalizing Curricula. *North American Colleges and Teachers of Agriculture (NACTA) Journal*. September 2013 special Issue, pp 74-82.
 41. Ekiri A., Kabasa J.D, Aceng L.F., Ejobi F. and **Khaita, M.L.**, 2013. An International

Experiential Learning Program: A Study Abroad Experience in Uganda. *North American Colleges and Teachers of Agriculture (NACTA) Journal*. September 2013 special Issue, pp 104-110.

42. **Khaita, M.L.**, Kabasa J.D and Ekiri A. 2013. Africa-US Integrated Disease Management Consortium: A Model for International Education and International Development. *North American Colleges and Teachers of Agriculture (NACTA)*. September 2013 special Issue, pp 115-121.
43. Tendo, D., Ekiri, A., **Khaita, M.L.**, Sischo, W. 2014. Case Study of Experiential Learning through a Training Model at the Science and Policy Interface: The National Animal health Policy and Food Security Course: North American Colleges and Teachers of Agriculture (NACTA), Sept 2014, Vol 58, No. 3, Pg 189-195.
44. Ekiri, A., Landblom D., Doetkott D., Olet S., Shelver, W. L., and Khaita, ML. 2014. Isolation and Characterization of Shiga-toxin Producing *Escherichia coli* (STEC) Serogroups O26, O45, O103, O111, O113, O121, O145 and O157 shed from Range and Feedlot Cattle from Post-weaning to Slaughter. *Journal of Food Protection*, Vol. 77, No. 7, 2014, Pages 1052–1061.
45. Kizil, Unal Shafiqur Rahman and **Khaita, M.L.** 2014. E-nose identification of Salmonella enterica in poultry manure. **British Poultry Science**, 56:2, 149-156, DOI: 10.1080/00071668.2015.1014467
46. Ü. Kızıl, L. Genç, S. Rahman, M. L. Khaita, T. T. Genç. 2015. Design and Test of A Low-Cost Electronic Nose System For Identification of Salmonella Enterica In Poultry Manure Vol. 58(3): 819-826. American Society of Agricultural and Biological Engineers ISSN 2151-0032 DOI 10.13031/trans.58.11023.
47. Isiko Joshua, M. L. Khaita, and Teresa M. Bergholz. 2015. Novel sequence types of non-O157 STEC isolated from cattle. Letters in Applied Microbiology. Volume 60, Issue 6, June 2015, Pages: 552–557.
48. Nesemeier, B., Abel B. Ekiri, D. Landblom, D. Doetkott, and **M. L. Khaita**. 2015. Prevalence and Antimicrobial Resistance of Salmonella enterica shed from Range and Feedlot Cattle from Post-weaning to Slaughter. *J Food Protection Trends*, Vol 35, No. 4, p.280-289.
49. Tabe Nessie N., Shafiqur Rahman, Ebot S. Tabe, Dawn Doetkott, Abel Ekiri and **Margaret L. Khaita**. 2015. “Prevalence of Escherichia coli and Salmonella in runoff of two cattle feedlots in North Dakota” in Food Protection Trends. Food Protection Trends, Vol 36, No. 1, p. 33–42.
50. Teresia Buza, **Margaret L Khaita**, Sherman W Jack, Joram J Buza, Halid Kirunda, Mark L Lawrence, Daniel G Peterson, Stephen Pruett (2015). ERAIZDA (Emerging and Re-emerging Animal Infectious & Zoonotic Diseases): A Model for Holistic Annotation of Animal Infectious and Zoonotic Diseases. DATABASE - The Journal of Biological Databases and Curation <http://database.oxfordjournals.org/>.

Pan African Medical Journal Special Issue on Capacity building in Integrated Management of Trans-boundary Animal Diseases and Zoonoses (CIMTRADZ)- 24 publications. I served as Guest Editor.

51. **Khaita, M.L.**, J.B. Kaneene, J.D. Kabasa. *Special Issue Introduction: Capacity building in Integrated Management of Trans-boundary Animal Diseases and Zoonoses (CIMTRADZ)*. Pan African Medical Journal, 2017; 27 Supp (4:7). 25 August 2017.
52. **Khaita, ML.**, D. Kabasa, J. Kaneene, A. Ekiri, F. Wakoko, W. Sischo, S. Majalija, G. Tumwine, D. Freeman, C. Card, K. Gitahi, C. Mulei, R. Mdegela, B. Gebrekidan, M. Byuka, and G. Kalema-Zikusoka, *CIMTRADZ: A US-Africa Higher Education Collaborative Model for Sustainable Capacity Development in Trans-Boundary Diseases and Zoonoses*

53. **Khaita, ML.**, N.W. Lumutenga, R. Muwazi, F. Wakoko-Studstill, I. Naigaga, M. Sengendo, C. Kabonesa, W.M. Kabira, J.M.M. Kiiru, K. Kanabahita, F. Nyachwo, M. Okwakol, C.A. Wandera, K. Tsegabirhant, K.-M. Kokuberwa, J.S. Kahamba, A. Musabyimana, R. Manishimwe, M. Bigendako, and R. Irambona, *Higher Education Resource Services, East Africa: A Women Leadership and Management Development Model*. Pan African Medical Journal, 2017; 27 Supp (4:7). 25 August 2017.
54. **Khaita, ML.** J.B. Kaneene, N.W. Lumutenga, M. Sengendo, C. The Intersectionality of Sociology and Health: Case Studies of the Effect of Culture on Disease. Pan African Medical Journal, 2017; 27 Supp (4:7). 25 August 2017.
55. **Khaita, ML.**, F. Ejobi, S. Majalija, G. Tumwine, C. Sente, S.G. Okech, P. Vudriko, L. Mugisha, D.O. Okello, D. Amulen, K. Ikwap, S. Jack, R. Wills, D. Smith, and J.D. Kabasa, *Tropical Veterinary Medicine and One Health: A case study of a study-abroad course with One Health Principles integrated into Veterinary Medical Training*. Pan African Medical Journal, 2017; 27 Supp (4:7). 25 August 2017.
56. Majalija, S., D.O. Okello, **M.L. Khaita**, D. Freeman, A. Ekiri, M. Ssemadaali, J. Kaneene, and J.D. Kabasa, *Africa-United States Joint Curriculum Development of a Master of Science degree in International Infectious Disease Management at Makerere University*. Pan African Medical Journal, 2017; 27 Supp (4:7). 25 August 2017.
57. Wakoko-Studstill, F., **M.L. Khaita**, S.G. Okech, J.B. Kaneene, P. Pithua, S. Blackmon, H. Rogers, G. Shepelo, M.D. Wambua, E. Komba, R. Samson, T.T. Gebrewahde, R. Habimana, A. Kibogo, V. Kasonev, A. Okite, W. Aijuka, and J.D. Kabasa, *Model African Union: Experiential Pedagogical Approach to Teaching One Health in Veterinary Medicine and Public Health*. Pan African Medical Journal, 2017; 27 Supp (4:7). 25 August 2017.
58. Wakoko-Studstill, F., J. Kiguli, K. Wotsuna, J.D. Kabasa, J. B. Kaneene, D. Tendo, M. Ssemadaali, **M.L. Khaita**. Gender Mainstreaming in Veterinary and Public Health Training: Using gender audits to foster capacity building and women's empowerment in Higher Education. Pan African Medical Journal, 2017; 27 Supp (4:7). 25 August 2017.
59. Kabasa, D., C. Mulei, B. Gebrekidan, M. Byuka, R. Mdegela, **M.L Khaita**, F. Wakoko, and J. Kaneene, *RUMPELHA: Regional University-Mediated Partnerships for Enhancing Livelihoods and Health in Africa*. Pan African Medical Journal, 2017; 27 Supp (4:7). 25 August 2017.
60. Isiko, J., **M.L. Khaita**, A. Ekiri, and W. Sischo, *Engaging Intergovernmental Organizations in the Training of Students on Global Animal Health, Public Health and Food Security*. Pan African Medical Journal, 2017; 27 Supp (4:7). 25 August 2017.
61. Isiko, J., S.G. Okech, B. Nakanwagi, S. Majalija, D. Owiny Okello, **M.L. Khaita**, J. B. Kaneene, F. Wakoko. Service-learning and community engagement yields benefits in zoonotic disease control: the case of rabies control in Mbuya II Zone in Kampala, Uganda. Pan African Medical Journal, 2017; 27 Supp (4:7). 25 August 2017.
62. Okech, S.G., S. Majalija, D.O. Owiny, F. Ejobi, G. Tumwine, P. Ssajjakambwe, S. Kisaka, **M.L Khaita**, J. Kaneene, F. Wakoko, W. Sischo, D. Freeman, C. Card, C. Mulei, R. Mdegela, B. Gebrekidan, M. Byuka, G. Kalema-Zikusoka, W.B. Epperson, and J.D. Kabasa,

63. Okech, S.G., G. Tumwine, S. Majalija, P. Vudriko, K. Ikwap, **M.L. Khaita**, F. Wakoko-Studstill, J.D. Kabasa, and P. Lochap, *One Health Outreach and Service Learning Case Studies Conducted under the CIMTRADZ Project.* Pan African Medical Journal, 2017; 27 Supp (4:7). 25 August 2017.
64. Gemmeda, R., **M.L. Khaita**, and J. Wamala, *A retrospective case series of clinical aspects of the 2007-2008 Ebola Virus Disease Outbreak in Bundibugyo, Western Uganda.* Pan African Medical Journal, 2017; 27 Supp (4:7). 25 August 2017.
65. Tendo D., **M.L. Khaita**, A. Ekiri, R. Mwebe, S. Majalija, J.B. Kaneene. Spatial and Temporal Distribution of Anthrax Outbreaks in Animals in Uganda (1956-2010). Pan African Medical Journal, 2017; 27 Supp (4:7). 25 August 2017.
66. Ssemadaali, M., S. Majalija, R. Mwebe, S. Olet, **M.L. Khaita**. Spatial and Temporal Distribution of Contagious Bovine Pleuro-Pneumonia in Uganda (1956-2011). Pan African Medical Journal, 2017; 27 Supp (4:7). 25 August 2017.
67. Kaneene, J.B., **M.L. Khaita**, J.D. Kabasa, F. Wakoko, W. Sischo, D. Freeman, C. Card, T.M. Bergholz, S. Ramamoorthy, A. Teshome, J.L. Nakavuma, S. Majalija, S. Kisaka, P. Ssajjakambwe, S.G. Okech, M. Muleme, S.A. Baluka, H.B. Kazoora, P. Vudriko. Joint Research and Training Initiatives between East African and North American Universities. Pan African Medical Journal, 2017; 27 Supp (4:7). 25 August 2017.
68. Muzoora S., **M. L. Khaita**, R.H. Bailey, P. Vuzi. Status on Aflatoxin Levels in Groundnuts in Uganda. Pan African Medical Journal, 2017; 27 Supp (4:7). 25 August 2017.
69. Mukiibi, H., C. Waiswa, P. Waiswa, E. Matovu, J. D. Kabasa, S. Olet, **M.L. Khaita**. Evaluation of a "Stamp Out Sleeping Sickness" Campaign In Uganda to Control Human African Trypanosomiasis (2004 - 2009). Pan African Medical Journal, 2017; 27 Supp (4:7). 25 August 2017.
70. Kaneene J. B. and **M.L. Khaita**. Overall Conclusions and Lessons Learned from CIMTRADZ. Pan African Medical Journal, 2017; 27 Supp (4:7). 25 August 2017.

End of Pan African Medical Journal Special Issue publications.

71. Lumutenga, N.W., **M.L. Khaita**, R. Muwazi, F. S. Wakoko, I. Naigaga, L. Hossfeld, M. Ralston. 2017. Women Empowering Women through Reusable Sanitary Pads. Journal of Community Engagement and Scholarship, Vol.10, No.1, 2017, pp 141-151; Special Conference Issue.

Book Chapter:

"Salmonella: A Dangerous Pathogen / Book 1", ISBN 979-953-307-044-4.

CHAPTER: Antimicrobial drug resistance and molecular characterization of Salmonella isolated from domestic animals, humans and meat products.

AUTHORS: Margaret Khaita and Dawn Doetkott

BOOK EDITOR: Dr. Barakat S M Mahmoud

STATUS: ACCEPTED August 22. 2011

Peer Reviewed Proceedings/Symposia:

1. Ndiva Mongoh Mafany, **Khaita, Margaret**, Hearne Robert, Dyer Neil and Leitch Jay. 2005. Occurrence, Management Strategies, and Economic Impact of West Nile virus in Horses in North Dakota, 2002. In: *Proceedings of the International Symposium on Veterinary Epidemiology & Economics - ISVEE XI* meeting held August 6-11, 2006 at Cairns, Australia.
2. Isaac Triebold, **Margaret Khaita**, William Nganje, Julie Goplin, Penelope Gibbs and Neil Dyer. 2006. Evaluating syndromic surveillance in North Dakota using a gastrointestinal illness case study. Abstract ranked as high quality and selected for presentation at the 134th Annual Meeting & Exposition of American Public Health Association, Boston, MA, November 4-8, 2006. Abstract No. 141325.
3. James Sasanya* and **Margaret L. Khaita**. 2007. Epidemiology in Times of Bioterrorism. Oral presentation at the joint symposium of the *Association of American Veterinary Medical Colleges (AAVMC)* and the *Association of Schools of Public Health (ASPH)*, "Partnerships for Preparedness: Future Directions for Schools of Public Health and Colleges of Veterinary Medicine." April 23-24, 2007, Atlanta, GA.
4. Mafany-Mongoh*, **Khaita, M.L.**, N. Dyer and C. L. Stoltenow. 2007. Characterization of the 2005 Anthrax Outbreak among Animals in North Dakota. Poster presentation at the joint symposium of the *Association of American Veterinary Medical Colleges (AAVMC)* and the *Association of Schools of Public Health (ASPH)*, April 23-24, 2007, Atlanta, GA. **(As a result of his abstract being selected, Registration fee (\$250) for Mafany was waived and he also was awarded a \$300.00 travel stipend).**
5. Jacinta C. Uzoigwe*, **Margaret L. Khaita**, Penelope S. Gibbs. 2007. Epidemiologic Evidence of *Mycobacterium avium* subspecies *paratuberculosis* as a cause of Crohn's Disease. Poster presentation at the joint symposium of the *Association of American Veterinary Medical Colleges (AAVMC)* and the *Association of Schools of Public Health (ASPH)*, April 23-24, 2007, Atlanta, GA.
6. Tabe ES, Oloya J, Doetkott DK, Bauer ML, Mahero MW, **Khaita, ML**. 2009. Comparative effect of direct-fed-microbials on fecal shedding and genotypic diversity of *Escherichia coli* O157:H7 and *Salmonella* in Feedlot cattle. In: *Proceedings of the International Symposium on Veterinary Epidemiology & Economics - ISVEE XII* meeting held August 10-14, 2009 at Durban, South Africa.

Extension Publications

1. **Khaita, M.L.**, T. Wittum, K.L. Smith, J.L. Henderson, K.H. Hoblet (2000) Herd characteristics and management practices of Official Dairy Herd Improvement Association (DHIA) herds in nine Ohio counties: Descriptive epidemiology. *Research and Reviews: Dairy Extension publication of The Ohio State University, Columbus, OH.*
2. **Khaita, M.L.**, M.L. Bauer, P.S. Gibbs and G.P. Lardy. 2003. Risk assessment of *E. coli* O157:H7 and *Salmonella* fecal shedding in North Dakota feedlot cattle. *Unified Beef Cattle and Range Research Report: Agricultural Experiment Station, Department. Animal and Range Sciences, North Dakota State University.*
3. **Khaita, M.L.**, M.L. Bauer, P.S. Gibbs and G.P. Lardy. 2003. Prevalence and

antimicrobial susceptibility patterns of *Salmonella* isolates from North Dakota cattle. *Unified Beef Cattle and Range Research Report: Agricultural Experiment Station, Department. Animal and Range Sciences, North Dakota State University.*

4. **Khaitisa*, M.L.**, A. Mantz, and D. Doetkott. 2004. Prevalence of *Escherichia coli* O157:H7 and *Salmonella* in North Dakota State University (NDSU) Dairy Cattle and Antimicrobial Susceptibility Patterns of the *Salmonella* isolates. In: Proceedings of the 38th Annual North Dakota Dairy Convention. Mandan, ND. Nov.18-19, 2004. pp 32-35.

5. **Khaitisa, M.L.**, R. Barigye, N.W. Dyer, D. Doetkott, J.R. Foster. 2006. Evidence of *Neospora caninum* presence in North Dakota Beef Herds. *Unified Beef Cattle and Range Research Report: Agricultural Experiment Station, Department. Animal and Range Sciences, North Dakota State University.*

6. M. Theis, M., J. Oloya, D. Doetkott, N.W. Dyer, P.S. Gibbs, **M.L. Khaitisa**, 2007. *Salmonella* Occurrence in North Dakota forage-fed beef cattle: Prevalence, Characterization and comparison with reports from the Veterinary Diagnostic Laboratory. *Unified Beef Cattle and Range Research Report: Agricultural Experiment Station, Department. Animal and Range Sciences, North Dakota State University.*

7. J. C. Uzoigwe, J. Oloya, N.W. Dyer, P. S. Gibbs, **M. L. Khaitisa**, 2007. Johne's disease in North Dakota (1995 – 2005): Trends and selected risk factors. *Unified Beef Cattle and Range Research Report: Agricultural Experiment Station, Department. Animal and Range Sciences, North Dakota State University.*

Proceedings of Meetings

A. International Meetings: (* Presenter)

Schuler, L. A., **M.L. Khaitisa***, N. Dyer, C. L. Stoltenow. 2005. An evaluation of West Nile Virus outbreak in horses:2002: In: Proceedings of the 5th Annual Conference of the Southern African Society for Veterinary Epidemiology and Preventive Medicine (SASVEPM), Leriba Lodge, Pretoria, South Africa, August 11-12, 2005.

Khaitisa, M. L., A. Mantz, D. Doetkott*. 2005. Fecal Shedding of *Escherichia coli* O157:H7 and *Salmonella* Typhimurium (var. Copenhagen) by a dairy herd in North Dakota. In: Proceedings of the 3rd International Rushmore Conference on Enteric Diseases, Rapid City, South Dakota, USA, September 29-October 1, 2005. Poster # 38.

Khaitisa, M. L., R. Kegode*, D. Doetkott. 2005. The prevalence of *Campylobacter* spp., *Salmonella* spp., and *Escherichia coli* O157:H7 in fecal samples from a healthy bison herd in North Dakota. In: Proceedings of the 3rd International Rushmore Conference on Enteric Diseases, Rapid City, South Dakota, USA, September 29-October 1, 2005. Poster # 39.

Theis*, M., **M.L. Khaitisa**, D. Doetkott, N. Dyer, P. Gibbs. 2005. *Salmonella* Occurrence in North Dakota Grass Fed Beef Cattle: Prevalence and Characterization. In: Proceedings of the 3rd International Rushmore Conference on Enteric Diseases, Rapid City, South Dakota, USA, September 29-October 1, 2005. Poster # 44.

Triebold, I., **M.L. Khaitisa***, J. Goplin, W. Nganje, P. Gibbs, N. Dyer. 2005. Syndromic Surveillance in North Dakota: A gastrointestinal illness Case Study. In: Proceedings of the

3rd International Rushmore Conference on Enteric Diseases, Rapid City, South Dakota, USA, September 29-October 1, 2005. Poster # 45.

Tumuhairwe*, E., **M.L. Khaita**, R. Magel, M. Bhandary. 2005. Reports of Non-typhoidal *Salmonella* in the United States, 1990-2003: The Role of Turkey Meat as the Vehicle. In: Proceedings of the 3rd International Rushmore Conference on Enteric Diseases, Rapid City, South Dakota, USA, September 29-October 1, 2005. Poster # 49.

Robert Barigye*, **Margaret L. Khaita**, Ev Schamber, Newell, K.Teresa. 2007. Dyer, Neil W. Dyer, Monica Santin and James M. Trout. 2007. Immunohistochemical detection of *Giardia* spp in scouring neonatal calves with intestinal pathology. In: Proceedings of the II International *Giardia* and *Cryptosporidium* Conference (II IGCC), Centro Cultural Universitario, Universidad Michoacana de San Nicolás de Hidalgo, Morelia-Michoacana, Mexico, May 13-18, 2007. Poster No. 42.

Ebot S.Tabe*, James Oloya, Dawn K. Doetkott, Marc L. Bauer, Penelope S. Gibbs, **Margaret L. Khaita**. 2008. Comparative Effect of Direct-Fed Microbials on fecal shedding of *Escherichia coli* O157:H7 and *Salmonella* in naturally infected Feedlot cattle. The 3rd Probiotics for the 3rd Millennium International Conference, June 4th-7th 2008, Slovakia (**Abstract accepted but paper not presented due to travel related difficulties with visa**).

Mafany-Mongoh, N. W. Dyer and C. L. Stoltenow, **M. L. Khaita***. 2008. A Review of Management Practices for the Control of Anthrax in Animals: The 2005 Anthrax Outbreak in North Dakota - Case Study. The 63rd International Conference on Diseases in Nature Communicable to Man, Regina, Saskatchewan, Canada, August 10-12, 2008. (*Paper invited for presentation at this conference*).

Tabé ES, Oloya J, Doetkott DK, Bauer ML, Mahero MW*, Khaita ML. 2009. Comparative effect of direct-fed-microbials on fecal shedding and genotypic diversity of *Escherichia coli* O157:H7 and *Salmonella* in feedlot cattle. 12th International Symposium on Veterinary Epidemiology and Economics (ISVEE), August 10th-14th 2009 Durban SA.

Herbert Mukibi; Robert Barigye; **Margaret Khaita**; Enock Matovu. 2012. Retrospective Study of Human African Trypanosomiasis (HAT) Cases in Otuboi Sub-county, Kaberamaido District, Uganda between 2004 and 2010; A Partial Evaluation of Stamp-Out Sleeping Sickness (SOS) Campaign. Poster presented at the USAID/HED funded International Conference & Cultural Boma held at Sheraton Hotel Kampala, Uganda July 12-13, 2012.

Michael Muleme, Robert Barigye, Eugene S. Berry, Anthony W. Wamono, **Margaret L. Khaita**, Chrisostom Ayebazibwe. 2012. Review on Vaccines and Vaccination Programs for the Control of Foot-and-Mouth Disease (FMD) Outbreaks in Uganda (2001 to 2010). Poster presented at the USAID/HED funded International Conference & Cultural Boma held at Sheraton Hotel Kampala, Uganda July 12-13, 2012.

Michael Muleme, Eugene Berry and **Margaret L. Khaita**. 2012. Climate Factors and Disease Occurrence: Influence of Temperature and Precipitation on the Epidemiology of Lyme disease in North Dakota, Minnesota and Wisconsin (1990 – 2010). Poster presented at the USAID/HED funded International Conference & Cultural Boma held at Sheraton Hotel Kampala, Uganda July 12-13, 2012.

Robert Mugabi, RoseAnn Miller, Jessica Nakavuma, Luke Nyakarahuka, Robert Barigye, John Kaneene, **Margaret Khaita**. 2012. Prevalence of Brucellosis in Selected Herds of

Cattle and Goats in Kiruhura District, Uganda. Poster presented at the USAID/HED funded International Conference & Cultural Boma held at Sheraton Hotel Kampala, Uganda July 12-13, 2012.

Timothy R. Miller, Benon Asiimwe, Robert Barigye, **Margaret Khaita**. 2012. Prevalence of African 2 Clonal Complex in Mycobacterium bovis Isolates in Kampala-Uganda. Poster presented at the USAID/HED funded International Conference & Cultural Boma held at Sheraton Hotel Kampala, Uganda July 12-13, 2012.

Rahel D. Gemmeda, **Margaret L. Khaita** and Joseph F. Wamala. 2012. Ebola Hemorrhagic Fever Outbreak in Western Uganda: Epidemiological and Clinical Aspects. Poster presented at the USAID/HED funded International Conference & Cultural Boma held at Sheraton Hotel Kampala, Uganda July 12-13, 2012.

Lee Kiedrowski, Rahel Gammeda, Robert Mugabi, Herbert Mukiibi, Michael Muleme, **Margaret L. Khaita**. 2012. Reducing Rocky Mountain Spotted Fever in a Tribal Reservation in Arizona: A collaborative Community Engagement Project. Poster presented at the USAID/HED funded International Conference & Cultural Boma held at Sheraton Hotel Kampala, Uganda July 12-13, 2012.

2013

Michael Muleme; Anthony W. Wamono; Eugene S. Berry; **Margaret L. Khaita**. 2013. Multifactorial predispositions to emerging infectious diseases: A case of land cover and weather changes and their role in the increased occurrence of Lyme disease in North Dakota. Presented at the first joint One Health Scientific Conference organized by Uganda Medical Association and Uganda veterinary Association, 14-16th February 2013, Hotel Africana, Kampala, Uganda.

Michael Muleme, Nelva J. Bryant, Lee Kiedrowski, Rahel Gammeda, Robert Mugabi, Herbert Mukiibi, **Margaret L. Khaita**. 2013. The practice of One Health in reduction of Infectious Disease burdens in communities: The case of a community engagement project to reduce Rocky Mountain spotted fever on an Indian reservation in South Western United States. Presented at the first joint One Health Scientific Conference organized by Uganda Medical Association and Uganda veterinary Association, 14-16th February 2013, Hotel Africana, Kampala, Uganda.

Ssemadaali Marvin, Majalija Samuel, Mwebi Robert, Ekiri Abel, Olet Susan, **Khaita Margaret**. 2013. Spatial and Temporal Trends of Contagious Bovine Pleuro-Pneumonia in Uganda: 1956-2011. Presented at the first joint One Health Scientific Conference organized by Uganda Medical Association and Uganda veterinary Association, 14-16th February 2013, Hotel Africana, Kampala, Uganda.

Khaita M.L. 2013. International Collaborative Opportunities: Education/Research/Outreach. Presented at the College of Agriculture, Çanakkale Onsekiz Mart University, Çanakkale, Turkey, June 4, 2013.

Khaita M.L. 2013. Overview of North Dakota State University/Makerere University International Collaborations. Presented at the One Health International Boma/Conference: Sharing One Health Experiences, held at Grand Global Hotel, Kampala, Uganda July 2-5, 2013.

Tendo David*, Abel Ekiri and **Margaret L. Khaita**, 2013. Detection and characterization of Saa gene in non-O157:H7 (026, 0103, 0111, and 0145) Shiga Toxigenic *Escherichia coli* using conventional PCR. Makerere University/ Uganda Virus Research Institute/UVRI Infection and Immunity Symposium, UVRI, Entebbe, Uganda, November 7, 2013.

2014

Unal Kizil*, Shafiqur Rahman and **Margaret L. Khaita**. 2014. Processing E-nose Data for Salmonella Enterica Detection in Poultry Manure. International Institute of Chemical, Biological & Environmental Engineering (IICBEE), March 17-18, 2014 at Dubai, United Arab Emirates.

National Meetings: (*Presenter)

Year 1998-2004

Khaita*, M.L., K.H. Hoblet, K.L. Smith, T. Wittum and P. Morley. 1998. Herd characteristics and management practices related to high milk production and production of high milk quality in two regions of Ohio. In: Proceedings of the 37th Annual Meeting of the National Mastitis Council. St. Louis, MO. Jan.25-28, 1998. pp.244-245.

Younts*, S.M., D.R. Smith, J.Stoner, J.D. Folmer, S. Hinkley, L.L. Hungerford, **M.L. Khaita**, T. J. Klopfenstein, R.A. Moxley. 2001. Variability in the distribution of *Escherichia coli* O157:H7 shedding by feedlot cattle over the feeding period. In: Proceedings of the 82nd Annual Meeting of the Conference of Research Workers in Animal Diseases. St.Louis, MO. Nov.11-13, 2001. Food and Environmental Safety Section: Abstract No. 78

Khaita*, M.L., D.R. Smith, A. M. Parkhurst, S. Hinkley, L.L. Hungerford, T.J. Klopfenstein, R.A. Moxley, S.M. Younts. 2001. Longitudinal study and risk factors for *Escherichia coli* O157:H7 fecal shedding by feedlot cattle. In: Proceedings of the 82nd Annual Meeting of the Conference of Research Workers in Animal Diseases. St.Louis, MO. Nov.11-13, 2001. Food and Environmental Safety Section: Abstract No. 93

Khaita*, M.L., D.R. Smith, A. Parkhurst, J. Folmer, S. Hinkley, L.L. Hungerford, T. Klopfenstein, R. Moxley, S.M. Younts. 2001. Effect of weather on *Escherichia coli* O157:H7 fecal shedding by feedlot cattle. In: Proceedings of the 82nd Annual Meeting of the Conference of Research Workers in Animal Diseases. St.Louis, MO. Nov.11-13, 2001. Food and Environmental Safety Section: Abstract No. 96.

Khaita*, M.L., D.R. Smith, R.A. Moxley, J. D. Folmer, S. Hinkley, L.L. Hungerford, T. Klopfenstein, R. Moxley, L.L. Hungerford, G. E. Erickson, T.J. Klopfenstein, M. Brashears. 2002. Clinical trials to test the effectiveness of cleaning pens, feeding competitive bacteria, or limiting dietary starch to reduce fecal shedding of *E. coli* O157:H7 by feedlot cattle. In: Proceedings of the 83rd Annual Meeting of the Conference of Research Workers in Animal Diseases. St.Louis, MO. Nov.10-12, 2002. Food and Environmental Safety Section: Abstract No. 84.

Schuler, L. A., **M.L. Khaita***, N. Dyer, C. L. Stoltenow. 2003. West Nile Virus outbreak in horses in North Dakota, 2002: A characterization of the equine cases. In: Proceedings of the 84th Annual Meeting of the Conference of Research Workers in Animal Diseases. Chicago,

Schuler, L. A., **M.L. Khaita**, N. Dyer*, C. L. Stoltenow. 2004. West Nile Virus outbreak in horses in North Dakota, 2002: A characterization of the equine cases. In: Proceedings of the 108th Annual Meeting of US Animal Health Association /47th Annual Meeting of the American Association of Veterinary Laboratory Diagnosticians (AAVLD), Greensboro, NC. October 21-27, 2004. Poster No. 30.

Khaita*, **M.L.**, D.Doetskott, R. Kegode, M.L. Bauer, P.S Gibbs, and G.P. Lardy. 2004. Risk Assessment of *Escherichia coli* O157:H7 fecal shedding in North Dakota feedlot cattle and comparison of two sampling techniques. In: Proceedings of the 85th Annual Meeting of the Conference of Research Workers in Animal Diseases. Chicago, IL. Nov.14 -16, 2004. Food and Environmental Safety Section: Abstract No. 81.

Year 2005

Catherine M. Logue*, Lisa K. Nolan, Verlin Hinsz, William Nganje, Tim Sellnow and **Margaret L. Khaita**. 2005. Food Safety Risk Assessment at NDSU – Finding Links. USDA CSREES Post-Award Management Workshop for Non-Competitive Food Safety Grants. Washington DC, Aug 22-24, 2005.

Kegode*, R. B, **M. L. Khaita**, D. K. Doetskott. 2005. Presence and antimicrobial resistance profiles of *Campylobacter* species, *Escherichia coli* and *Salmonella* species in meat products from US Midwestern retail outlets. In: Proceedings of the 86th Annual Meeting of the Conference of Research Workers in Animal Diseases. St Louis, MO, Dec.3 -6, 2005. Food and Environmental Safety Section: Abstract No. 82.

Theis*, M., **M.L. Khaita**, D. Doetskott, N. Dyer, P. Gibbs. 2005. Salmonella Occurrence in North Dakota Grass Fed Beef Cattle: Prevalence, Characterization and Comparison with reports from the Veterinary Diagnostic Laboratory and North Dakota Department of Health In: Proceedings of the 86th Annual Meeting of the Conference of Research Workers in Animal Diseases. St Louis, MO, Dec.3 -6, 2005. Epidemiology and Animal Health Economics Section: Abstract No. 36.

Tumuhairwe*, E., **M.L. Khaita**, R. Magel, M. Bhandary. 2005. Reports of Non-typhoidal *Salmonella* in the United States, 1990-2003: The Role of Turkey Meat as the Vehicle. In: Proceedings of the 86th Annual Meeting of the Conference of Research Workers in Animal Diseases. St Louis, MO, Dec.3 -6, 2005. Food and Environmental Safety Section: Abstract No. 79.

Triebold*, I., **M.L. Khaita**, J. Goplin, W. Nganje, P. Gibbs, N. Dyer. 2005. Syndromic Surveillance in North Dakota: A gastrointestinal illness Case Study. In: Proceedings of the 86th Annual Meeting of the Conference of Research Workers in Animal Diseases. St Louis, MO, Dec.3 -6, 2005. Epidemiology and Animal Health Economics Section: Abstract No. 41. Presentation also posted on the website for ICPA Inc. (the company that made 'RedBat' software used by North Dakota state for Syndromic Surveillance). Available at: <http://www.icpa.net/presentations.html>

Year 2006

Isaac Triebold*, **Margaret Khaita**, William Nganje, Julie Goplin, Penelope Gibbs and Neil Dyer. 2006. Evaluating syndromic surveillance in North Dakota using a gastrointestinal

illness case study. The 134th Annual Meeting & Exposition of American Public Health Association, Boston, MA, November 4-8, 2006. Abstract No. 141325.

R. B. Kegode, **M. L. Khaita***, D. K. Doetkott. 2006. Occurrence of *Salmonella* species in raw and ready to eat turkey meat products from retail outlets in the Midwestern United States. In: Proceedings of the 87th Annual Meeting of the Conference of Research Workers in Animal Diseases. Chicago, IL, Dec.3 -5, 2006. Food and Environmental Safety Section: Abstract No. 113.

D. K. Doetkott*, **Khaita, M. L.**, R. B. Kegode. 2006. Occurrence of antimicrobial-resistant *Escherichia coli* in raw and ready to eat turkey meat products from retail outlets in the Midwestern United States. In: Proceedings of the 87th Annual Meeting of the Conference of Research Workers in Animal Diseases. Chicago, IL, Dec.3 -5, 2006. Food and Environmental Safety Section: Poster No. 38.

Mafany-Mongoh*, **Khaita, M.L**, N. Dyer and C. L. Stoltenow. 2006. Characterization of the 2005 Anthrax Outbreak among Animals in North Dakota. In: Proceedings of the 87th Annual Meeting of the Conference of Research Workers in Animal Diseases. Chicago, IL, Dec.3 -5, 2006. Biosafety and Biosecurity Section: Abstract No. 52.

(This presentation was the First Place winner of the Biosafety and Biosecurity Section Student Presentation Award).

Tumuhairwe, E., **M.L. Khaita***, R. Magel, M. Bhandary. 2006. Non-typhoidal Salmonellosis in Humans in North Dakota (2000-2005): How Turkey Meat Ranks as the Vehicle. In: Proceedings of the 87th Annual Meeting of the Conference of Research Workers in Animal Diseases. Chicago, IL, Dec.3 -5, 2006. Food and Environmental Safety Section: Poster No. 52.

Tumuhairwe, E., **M.L. Khaita***, R. Magel, M. Bhandary. 2006. Evaluation of Non-typhoidal Salmonellosis Outbreaks in Humans in the US, 1990-2003: How Turkey Meat Ranks as the Vehicle. In: Proceedings of the "Integrated Risk Studies: Gate to Plate" Conference. Fargo, ND, May 4-5, 2006. Poster #3.

Tumuhairwe, E., **M.L. Khaita***, R. Magel, M. Bhandary. 2006. Evaluation of Non-typhoidal Salmonellosis in Humans in North Dakota (2000-2005): How Turkey Meat Ranks as the Vehicle. In: Proceedings of the "Integrated Risk Studies: Gate to Plate" Conference. Fargo, ND, May 4-5, 2006. Poster #4.

Theis*, M., **M.L. Khaita**, D. Doetkott, N. Dyer, P. Gibbs. 2006. Salmonella Occurrence in North Dakota Grass Fed Beef Cattle: Prevalence, Characterization and Comparison with Salmonella isolates from Humans and the Veterinary Diagnostic Laboratory. In: Proceedings of the "Integrated Risk Studies: Gate to Plate" Conference. Fargo, ND, May 4-5, 2006. Poster #5.

Triebold*, I., **M.L. Khaita**, J. Goplin, W. Nganje, P. Gibbs, N. Dyer. 2006. Evaluating Syndromic Surveillance in North Dakota using a gastrointestinal illness Case Study. In: Proceedings of the "Integrated Risk Studies: Gate to Plate" Conference. Fargo, ND, May 4-5, 2006. Poster #6.

Kegode*, R. B, **M. L. Khaita**, D. K. Doetkott. 2006. Prevalence and antimicrobial resistance

profiles of *Campylobacter* and *Salmonella* species in meat products from US Midwestern retail outlets. In: Proceedings of the "Integrated Risk Studies: Gate to Plate" Conference. Fargo, ND, May 4-5, 2006. Poster #7.

Year 2007

James Sasanya* and **Margaret L. Khaitso**. 2007. Epidemiology in Times of Bioterrorism. Oral presentation at the joint symposium of the *Association of American Veterinary Medical Colleges (AAVMC)* and the *Association of Schools of Public Health (ASPH)*, "Partnerships for Preparedness: Future Directions for Schools of Public Health and Colleges of Veterinary Medicine." April 23-24, 2007, Atlanta, GA.

Mafany-Mongoh*, **Khaitso, M.L.**, N. Dyer and C. L. Stoltenow. 2007. Characterization of the 2005 Anthrax Outbreak among Animals in North Dakota. Poster presentation at the joint symposium of the *Association of American Veterinary Medical Colleges (AAVMC)* and the *Association of Schools of Public Health (ASPH)*, April 23-24, 2007, Atlanta, GA.

Jacinta C. Uzoigwe*, **Margaret L. Khaitso**, Penelope S. Gibbs. 2007. Epidemiologic Evidence of *Mycobacterium avium* subspecies *paratuberculosis* as a cause of Crohn's Disease. Poster presentation at the joint symposium of the *Association of American Veterinary Medical Colleges (AAVMC)* and the *Association of Schools of Public Health (ASPH)*, April 23-24, 2007, Atlanta, GA.

M. L. Khaitso*, D. Doetkott, R. Kegode. 2007. Occurrence of antimicrobial-resistant *Escherichia coli* in Bison Meat products from retail outlets in the Midwestern United States. In: Proceedings of the 107th General Meeting of the American Society for Microbiology, Toronto, Canada, May 21-25, 2007. Poster No. C-052.

L. Nangoh, H. Vinson, **M. Khaitso** and P.S. Gibbs*. 2007. Detection and Characterization of *Enterobacter sakazakii* from Bovine and Bison Fecal Samples in North Dakota. In: Proceedings of the 107th General Meeting of the American Society for Microbiology, Toronto, Canada, May 21-25, 2007. Poster No. D-190.

M. Ndiva Mongoh*, R. Hearne, **M. L. Khaitso**. 2007. Private and public economic incentives for the control of animal diseases: the case of anthrax in livestock. In: Proceedings of the 88th Annual Meeting of the Conference of Research Workers in Animal Diseases. Chicago, IL, Dec.2 -4, 2007. Biosafety and Biosecurity: Abstract No.31.

J. Oloya*, M. Theis, D. Doetkott, N. Dyer, P. Gibbs, **M. L. Khaitso**. 2007. Evaluation of *Salmonella* Occurrence in Domestic Animals and Humans in North Dakota (2000-2005). In: Proceedings of the 88th Annual Meeting of the Conference of Research Workers in Animal Diseases. Chicago, IL, Dec.2 -4, 2007. Epidemiology and Animal Health Economics Section: Abstract No.50.

M. L. Khaitso*, D. Doetkott, R. Kegode. 2007. Presence of Integron Class-1 in *Escherichia coli* Isolated from raw and ready to eat turkey meat products from retail outlets in the Midwestern United States. In: Proceedings of the 88th Annual Meeting of the Conference of Research Workers in Animal Diseases. Chicago, IL, Dec.2 -4, 2007. Food and Environmental Safety Section: Poster No. 62.

E. S. Tabe* J. Oloya, D. K. Doetkott, M. L. Bauer, **M. L. Khaitso**. 2007.

Effect of Probiotics on fecal shedding of *Escherichia coli* O157:H7 and *Salmonella* in Feedlot cattle. In: Proceedings of the 88th Annual Meeting of the Conference of Research Workers in Animal Diseases. Chicago, IL, Dec.2 -4, 2007. Food and Environmental Safety Section: Abstract No. 86.

Year 2008

E. S. Tabe* D. K. Doetkott, J. Oloya, **M. L. Khaitisa**, 2008. Evaluation of Fecal DNA Purification Methods and Conventional Culture Methods for the Detection of *Escherichia coli* O157:H7 in Feces of Naturally Infected Feedlot Cattle. The 95th Annual Meeting of International Association for Food Protection, Columbus, Ohio, August 3-6, 2008: Program Number: T5-05.

J. Oloya*, M. Theis D. Doetkott, N. Dyer, P. Gibbs, **M. L. Khaitisa**. 2008. Genotypic Similarities and Antimicrobial Resistance Profiles of *Salmonella* Isolates in Humans and Animals in North Dakota. The 95th Annual Meeting of International Association for Food Protection, Columbus, Ohio, August 3-6, 2008: Program Number: T7-07.

Stella Opendi Sasanya, **Margaret Khaitisa***, and Robert Littfield. 2008. Risk Communication and the Lessons Learned from the 2007 Melamine Associated Outbreak: Potential Food Safety Benefits. The 95th Annual Meeting of International Association for Food Protection, Columbus, Ohio, August 3-6, 2008: Program Number: P3-66.

Lisa Mowry*, D. K. Doetkott, **M. L. Khaitisa**. 2008. The Association of Antimicrobial Resistance and Presence of Class-1 Integrins in *Salmonella* spp. isolated from various meat products. In: Proceedings of the 2008 Annual Biomedical Research Conference for Minority Students (ABRCMS). Orlando, FL, November 5 - 8, 2008.

Lisa Mowry*, D. K. Doetkott, **M. L. Khaitisa**. 2008. The role of Class-1 Integrins in antimicrobial resistance in *Salmonella* spp. isolated from various meat products. In: Proceedings of the 89th Annual Meeting of the Conference of Research Workers in Animal Diseases. Chicago, IL, December 7 - 9, 2008. Food and Environmental Safety Section.

E. S. Tabe* J. Oloya, D. K. Doetkott, **M. L. Khaitisa**. 2008. Antimicrobial-resistance and genotypic relatedness of *Salmonella* Typhimurium serovars Copenhagen isolated from feedlot cattle. In: Proceedings of the 89th Annual Meeting of the Conference of Research Workers in Animal Diseases. Chicago, IL, December 7 - 9, 2008. Food and Environmental Safety Section.

Barigye, R*, Dyer, W.N., and Newell, K.T., **Khaitisa, M.L.** Trout J.M., Santin, M., Fayar R., Guantam A. 2008. Molecular and Immunohistochemical Detection of Assemblage E. *Giardia duodenalis* in scouring calves. In: Proceedings of the 89th Annual Meeting of the Conference of Research Workers in Animal Diseases. Chicago, IL, December 7 - 9, 2008. Gastroenteric Disease Section. Abstract No. 107.

Year 2009

Jennifer A. Tofteland, Susan Olet*, Neil Dyer and **Margaret L. Khaitisa**. 2009. Patterns of Rabies Reports in Animals in North Dakota, 2000-2007. the 58th James Steele conference on diseases in nature transmissible to man, Fort Worth, Texas, June3-5, 2009.

Lisa Mowry*, Tim Flick, D. K. Doetkott, **M. L. Khaita**. 2009. Effectiveness of Solacleanse® (polypropylene polymer) in reducing survival of *Escherichia coli* in Water. In: Proceedings of the 2008 Annual Biomedical Research Conference for Minority Students (ABRCMS). Phoenix AR, November 4 - 7, 2009.

Brenton F. Nesemeier, D. Doetkott, S. Olet, **M.L. Khaita**. 2009. Characterization of *Salmonella spp.* isolated from beef cattle from post weaning to slaughter. In: Proceedings of the 90th Annual Meeting of the Conference of Research Workers in Animal Diseases. Chicago, IL, December 6-8, 2009. Epidemiology and Animal Health Economics Section. Poster # 27P.

Stella Opendi Sasanya, Susan Olet, Robert Littlefield and **Margaret L. Khaita**. 2009. Characterization of the 2007 Outbreak of Nephrotoxicity among Dogs and Cats Associated with Melamine in Pet Food. In: Proceedings of the 90th Annual Meeting of the Conference of Research Workers in Animal Diseases. Chicago, IL, December 6-8, 2009. Epidemiology and Animal Health Economics Section. Abstract No. 55.

Year 2010-2013

Florence Wakoko Studstill, **M.L. Khaita**, D.J. Kabasa. 2010. Gender and Health: A Conceptual Framework for Understanding Management of Zoonoses & Transboundary Diseases. In Proceedings of the 10th Annual Africa Conference: University of Texas, Austin, March 26-28, 2010.

A.W. Ntaate, D. Doetkott, **M.L. Khaita**. Presence of *Listeria monocytogenes* and *Salmonella* in ready to eat meats from processing plants and retail outlets in North Dakota. In Proceedings of the 91st Annual Meeting of the Conference of Research Workers in Animal Diseases. Chicago, IL, December 5-7, 2010. Food & Environmental Safety Section. Poster No. 55.

Landblom, T.D., D. Doetkott, R. Gemmeda, M. Muleme, S. Olet and **M.L Khaita***. 2012. The Prevalence & Characterization of Shiga toxin-producing *Escherichia coli* (STEC) serotypes from Feedlot and Range Cattle in the US Midwest. In: Proceedings of the 93rd Annual Meeting of the Conference of Research Workers in Animal Diseases, Chicago, IL, December 2-4, 2012. Food & Environmental Safety Section.

Khaita M.L*, Kabasa J.D and Liddle K. 2013. The Africa-US Higher Education Initiative: At the Crossroads of International Education and International Development. Association of International Education Administrators (AIEA) conference, New Orleans, Louisiana, February 17-20, 2013.

Nessie L. Tabe, S. Rahman, D. Doetkott, S. Olet, E. Tabe and **ML Khaita***, 2013. Detection of Shiga toxin-producing *Escherichia coli* (STEC) in Feedlot runoff. In: Proceedings of the 94th Annual Meeting of the Conference of Research Workers in Animal Diseases. Chicago, IL, Dec.8- 10, 2013. Ecology and Management of Foodborne Agents Section: Poster No. 19.

Kabasa J.D*, J. B. Kaneene, F. Wakoko-Studstill, A. Ekiri, **M. L. Khaita**, 2013. International approaches in management of transboundary infectious diseases and zoonoses: Implications for United States agriculture. In: Proceedings of the 94th Annual Meeting of the

Year 2014-2016

Margaret L. Khaita, J.D. Kabasa, et al (2014). Capacity Building in Integrated Management of Trans-boundary Animal Diseases and Zoonoses (CIMTRADZ) project – Achievements and Way Forward. **The 3rd International Conference and Boma on Sustainable Livelihoods and Health in Africa** at Makerere University and Imperial Royale Hotel, Kampala, Uganda; June 16 to June 19, 2014.

Tendo David. Gabriel Tumwine; seruwagi paul; Samuel Majalija; Kansiime Michael, **ML Khaita**. 2015. Temporal and spatial distribution of anthrax animal cases in Uganda (1956-2010) **Regional Conference on Zoonotic Diseases In East Africa Support. March 9-12, 2015- Naivasha, Kenya**. Sponsored by US Department of Defense, Threat Reduction Agency and US Centers for Disease Control, Kenya.

Attended the African Higher Education Summit (2015). ***Revitalizing Higher Education for Africa's Future'***, Dakar, Senegal, 10th -12th March, 2015.

Met with and made a presentation (as one of the fellows) to The Advisory Council to Carnegie African Diaspora Fellowships Program on March 9, 2015 at the African Higher Education Summit, in Dakar, Senegal, March 10 – 12, 2015.

Wakoko-Studstill F and **Khaita ML** (2015). Service Learning in Veterinary Health: Integrating Leadership and Women's Empowerment Framework in Rabies Vaccination, in Uganda. SoTL Commons Conference, **March 25-27, 2015; Coastal Georgia Center, Savannah, GA**; Presentation #2008. Lot Savannah, GA, March 26-27, 2015.

Margaret L. Khaita, J.D. Kabasa, et al (2015). Capacity Building in Integrated Management of Trans-boundary Animal Diseases and Zoonoses (CIMTRADZ) project – Achievements and Way Forward. **The 4th International Conference and Boma on Sustainable Livelihoods and Health in Africa** at Makerere University and Imperial Royale Hotel, Kampala, Uganda; June 16 to June 19, 2015.

Abstracts presented at The 2016 Auburn University Outreach and the Tuskegee Auburn Women's Leadership Alliance (TAWLA) Symposium hosted at Auburn University Hotel and Dixon Conference Center, February 15-17, 2016

Margaret L. Khaita, Florence Wakoko-Studstill, Naomi Lumutenga, Ruth Muwazi, Irene Naigaga, Loyce Hamba (2016). **Higher Education Resource Services, East Africa: The**

Genesis, and Potential Collaborations in Research, Training and Global Outreach. The 2016 Auburn University Outreach and the Tuskegee Auburn Women's Leadership Alliance (TAWLA) Symposium hosted at Auburn University Hotel and Dixon Conference Center, February 15-17, 2016

Naomi Lumutenga, Meghan Millea, **Margaret L. Khaita**, Florence Wakoko-Studstill, Ruth Muwazi, Irene Naigaga, Loyce Hamba (2016). **Connecting Higher Education Institutions and Grass root women: A HERS-EA case study of Women Empowering Women Through Re-usable Sanitary pads in Eastern Uganda.** The 2016 Auburn University Outreach and the Tuskegee Auburn Women's Leadership Alliance (TAWLA) Symposium hosted at Auburn University Hotel and Dixon Conference Center, February 15-17, 2016

Naigaga, I., N. Lumutenga, R. Muwazi, L. Hamba, Florence Wakoko-Studstill, **Margaret L. Khaita** (2016). **HERS-East Africa, Alternative Education Initiative (AEI) and Home Based Entrepreneurship (HBE) for Women Empowerment.** The 2016 Auburn University Outreach and the Tuskegee Auburn Women's Leadership Alliance (TAWLA) Symposium hosted at Auburn University Hotel and Dixon Conference Center, February 15-17, 2016.

Muwazi R., **M. L. Khaita**, Florence Wakoko-Studstill, Irene Naigaga, Naomi Lumutenga, Loyce Hamba, John David Kabasa (2016). **AFRISA: A distinctive approach to university-community partnerships with a focus on women.** The 2016 Auburn University Outreach and the Tuskegee Auburn Women's Leadership Alliance (TAWLA) Symposium hosted at Auburn University Hotel and Dixon Conference Center, February 15-17, 2016.

Wakoko-Studstill F., **M. L. Khaita**, N. Lumutenga, R. Muwazi, I. Naigaga, L. Hamba (2016). **The Intersectionality of Race, Class, Gender and Sexuality: Voices from Diversity Forums at Columbus State University-Lessons for HERS-EA.** The 2016 Auburn University Outreach and the Tuskegee Auburn Women's Leadership Alliance (TAWLA) Symposium hosted at Auburn University Hotel and Dixon Conference Center, February 15-17, 2016.

Khaita M. L., J.D. Kabasa, J.B. Kaneene, F. Wakoko-Studstill (2016). Experiences in Human and Institutional Capacity Development for Zoonoses Management in East and Central Africa: Successes, Challenges and Lessons Learned". Presented at the "Interdisciplinary Zoonoses Research Symposium" at University of Missouri, Columbia, MO, May 23-24, 2016.

Khaita M. L. (2016). Experiences in Human and Institutional Capacity Development in East and Central Africa: Successes, Challenges and Lessons Learned. Presented at University Linkages Workshop; Building Linkages between Ethiopian and US universities, Addis Ababa, Ethiopia, August 16-17, 2016 (Sponsored by the Public Affairs Section of the Embassy of the United States of America in Collaboration with Addis Ababa University).

Lumutenga, N., Meghan Millea , **Margaret L. Khaita**, F. Wakoko-Studstill, R. Muwazi, I. Naigaga, L. Hamba (2016). **Connecting Higher Education Institutions and Grass root women: A HERS-EA case study of Women Empowering Women Through Re-usable**

Sanitary pads in Eastern Uganda. The 17th Annual Conference of the Engagement Scholarship Consortium, Omaha, Nebraska, September 26-27, 2016.

Poster won Best Overall poster- available at:

<https://engagementscholarship.org/upload/PosterAwards/2015/Lumutenga%20ESC%20Poster.pdf>

Baluka S.A*, J. Katalaga, E. Naligoyi, T. Dihn, T. Graham E. O. Okori, and **ML Khaita***, 2016. Neglected tropical diseases in Uganda: Impact on food security and public health. In: Proceedings of the 97th Annual Meeting of the Conference of Research Workers in Animal Diseases. Chicago, IL, Dec.4-6, 2013. Epidemiology and Animal Health Economics Section. Abstract No. 178.

2017

Lumutenga, N., H. Nabusiu, JD Kabasa, R. Muwazi, M. L. Khaita, L. Hossfeld, M. Ralston .2017. Connecting Higher Education and grassroot communities through community-led initiatives. The 18th Annual Conference of the Engagement Scholarship Consortium, Birmingham, Alabama, September 26-27, 2017.

Pithua P, L. Mugisha, and **ML Khaita***, S. Odemuyiwa. 2017. Leptospirosis in abattoir workers in Uganda; A risk assessment pilot. In: Proceedings of the 98th Annual Meeting of the Conference of Research Workers in Animal Diseases. Chicago, IL, Dec.2-5, 2017. Epidemiology and Animal Health Economics Section. Abstract No. 48.

C. State /Regional Meetings:

Years 2004-2008.

West Nile virus Control. North Dakota Department of Health (NDDoH), Bismarck, ND. Nov.18-19, 2004. (Attendee).

Gibbs*, P., L. Nangoh, and **M. Khaita**. 2005. Isolation of *Enterobacter sakazakii* directly from the feces of apparently healthy cows using Druggan-Forsythe-Iversen medium. Proceedings of the Northern Central Conference for Veterinary Laboratory Diagnosticians. Fargo, ND, May 5-7, 2005.

Anthrax Management. Regional meeting (North Dakota, South Dakota, Minnesota, (US) and Manitoba province (Canada), held in Fargo, ND, October 24, 2005 (Attendee). Developed Unified recommendations for Anthrax control in the region.

Western Interstate Commission for Higher Education (WICHE), Veterinary Medicine Advisory Council, Annual Meeting, May 31-June 1, 2007 Corvallis, Oregon.

E. S. Tabe* J. Oloya, D. K. Doetkott, M. L. Bauer, P.S. Gibbs, **M. L. Khaita**, 2007. Comparative Effect of Probiotics on fecal shedding of *Escherichia coli* O157:H7 and *Salmonella* in Feedlot cattle. North Central Branch of ASM (American Society for Microbiology) meeting at the Marshfield Clinical Research Foundation, Marshfield WI on October 5-6, 2007.

Charlene Wolf-Hall, Julie Garden-Robinson, Verlin Hinsz, **Margaret Khaita**, Cheryl Wachenheim, David Saxowsky, Robert Littlefield and Penelope Gibbs. Great Plains Portal to Food Safety: Educating Tomorrow's Leaders, Poster Presentations at the USDA Food and Agricultural Science National Needs Graduate Fellowship (NNF) Grants Program and Higher Education Multicultural Scholars Program (MSP) Project Directors and Beneficiaries Meeting, October 16 - 17, 2007, Waterfront Centre, 800 9th St., SW Washington, D.C. 20024.

Khaita M.L. 2007. Summer Study Abroad in Uganda: *International Animal Production, Disease Surveillance & Public Health* Course. A presentation made to the NC-1041 multistate project on "*Enteric diseases of swine and cattle: Prevention, Control and Food safety*" in conjunction with the 88th Annual Meeting of the Conference of Research Workers in Animal Diseases. Chicago, IL, Dec.2 -4, 2007.

Khaita M.L. 2008. North Dakota State University and Makerere University Partnership. A presentation made to the NC-1041 multistate project on "*Enteric diseases of swine and cattle: Prevention, Control and Food safety*" in conjunction with the 89th Annual Meeting of the Conference of Research Workers in Animal Diseases. Chicago, IL, December 6 - 9, 2008

Year 2009.

Lisa Mowry and **Margaret L. Khaita**. 2009. Antimicrobial Resistance (AMR) and presence of class 1 integrons in *E. coli* isolated from Raw & Ready to Eat (RTE) Turkey Meat – McNair Scholars Program, North Dakota State University, April 09, 2009 Fargo, ND.

(ND Academy of Science presentations)

Galuk Aja, Sumit Arora, Susan Olet, Dawn Doetkott, **Margaret L. Khaita**. 2009. Association Between Presence of Integron-1 And Antimicrobial Resistance in *Salmonella* Isolated From Animals in The Midwestern United States. North Dakota Academy of Science, April 30, 2009 Fargo ND, p.8.

Lisa R. Mowry, Susan Olet, Dawn K. Doetkott and **Margaret L. Khaita**. 2009. Antimicrobial Resistance Patterns And Presence Of Class 1 Integrons in *E. coli* Isolated From Raw And Ready to Eat Turkey Meat. North Dakota Academy of Science, April 30, 2009 Fargo ND, p.16.

Skye Smith*, Jennifer Nguyen, Susan Olet, Dawn Doetkott, and **Margaret L. Khaita**. 2009. Antimicrobial Resistance Patterns of Salmonella Isolated from sick animals. North Dakota Academy of Science, April 30, 2009 Fargo ND, p.21.

Susan Olet, Jennifer A. Tofteland, Neil Dyer and **Margaret L. Khaita**. 2009. Characterization of Rabies Cases in Animals in The Midwestern United States, 2000-2008. North Dakota Academy of Science, April 30, 2009 Fargo ND, p.82.

Michael Mahero, Susan Olet, Dawn Doetkott, **Margaret L. Khaita**. 2009. Characterisation of Antimicrobial Resistance (AMR) and Presence of Class 1 Integrons in *Salmonella* Serovars Isolated From Clinical Cases of Animals And Humans in North Dakota. North Dakota Academy of Science, April 30, 2009 Fargo ND, p.58.

Stella Opendi Sasanya, Susan Olet, Robert Littlefield and **Margaret L. Khaita**. 2009. Characterization of The 2007 Outbreak Of Nephrotoxicity Among Dogs and Cats Associated With Melamine in Pet Food. North Dakota Academy of Science, April 30, 2009 Fargo ND, p.

(Governor's students presentations)

Kelly J. Sagen*, Dawn M Doetkott, Susan Olet, **Margaret L. Khaita**. 2009. Salmonella Escherichia coli and Campylobacter in Sand used during the Fargo, North Dakota flood. ND Governor's Program, Summer, 2009 (NDSU Memorial Union, July 17, 2009).

Juan Monsalve* Wagner, Dawn M. Doetkott, Lindsay Rezac, Susan Olet, **Margaret L. Khaita**, 2009. The Effectiveness of Solacleanse Grid on *Escherichia Coli* Contamination in Water. Governor's Program, Summer, 2009 (NDSU Memorial Union, July 17, 2009).

(ND Epscor presentations)

Dawn Doetkott*, Susan Olet, & **Margaret L. Khaita**. 2009. Presence of *Escherichia coli* and *Campylobacter* sp. in Sand Used For Flood Protection in Fargo, ND, Spring 2009. North Dakota EPSCOR Conference, September 24, 2009 at North Dakota State University, Fargo ND. Poster #50.

Mahero M.W.*, D. K. Doetkott, S. Olet, D.K. Byarugaba, **M. L. Khaita**. 2009. Characterisation of Antimicrobial Resistance and Presence of Class 1 Integrons in *Salmonella* Isolated from Animals and Humans In North Dakota, USA and Kampala Uganda. North Dakota EPSCOR Conference, September 24, 2009 at North Dakota State University, Fargo ND. Poster #70.

Nesemeier, B*, Doetkott, D., Olet, S and **Khaita, M.L.** 2009. Characterization of *Salmonella spp.* isolated from beef cattle from post weaning to slaughter. North Dakota EPSCOR Conference, September 24, 2009 at North Dakota State University, Fargo ND. Poster #71.

Stella O. Sasanya*, S. Olet, R. Littlefield, C. Stoltenow4, M. Monstrom & **M.L. Khaita**. 2009. Characterization of the 2007 Outbreak of Nephrotoxicity among Dogs and Cats Associated with Melamine in Pet Food. North Dakota EPSCOR Conference, September 24, 2009 at North Dakota State University, Fargo ND. Poster #76.

Michael Mahero*, D. K. Doetkott, S. Olet, D.K. Byarugaba, **M.L.Khaita**. 2009. Characterization of Antimicrobial Resistance and Presence of Class 1 Integrons in *Salmonella* Isolated from Animals and Humans In North Dakota, USA and Kampala Uganda. North Dakota. In Proceedings of the 69th annual meeting of the North Central Branch of the American Society for Microbiology, October 9-10, 2009 at La Crosse, WI.

Dawn Doetkott, Susan Olet*, & **Margaret L. Khaita**. 2009. Presence of *Escherichia coli* and *Campylobacter* sp. in Sand Used for Flood Protection in Fargo, ND, Spring 2009. In Proceedings of the 69th annual meeting of the North Central Branch of the American Society for Microbiology, October 9-10, 2009 at La Crosse, WI

Year 2010-2013.

Stella O. Sasanya*, R. Littlefield, and **M.L. Khaita**. 2010. Risk Communication to the Public: A Case of the 2007 Melamine-Associated Pet Food Contamination. North Dakota EPSCOR Conference, September 29, 2010 at University of North Dakota, Grand Forks, ND. Poster #76.

Khaita M. L. 2011. Infectious disease; 'Creating One Health Partnerships for International

Development. Annual meeting on “One Health” co-hosted by USAID RESPOND Project and the Center for Animal Health & Food Safety, University of Minnesota, May 11, 2011. Served as one of the panelists.

Herbert Mukiibi, Robert Barigye, **Margaret L. Khaitisa**, Enock Matovu. 2011. Retrospective Study of Human African Trypanosomiasis (HAT) cases in Otuboi Sub-county, Kaberamaido District, Uganda between 2004 and 2010; A Partial Evaluation of Stamp Out Sleeping sickness (SOS) Campaign. ND-SD 2011 Joint Epscor (Experimental Program To Stimulate Competitive Research (Epscor) Conference, October 4, 2011 at NDSU Memorial Union, Fargo, ND.

Michael Muleme, Robert Barigye, **Margaret L. Khaitisa**, Chrisostom Ayebazibwe. 2011. Review on Vaccines and Vaccination Programs for the Control of Foot-and-Mouth Disease (FMD) Outbreaks in Uganda (2001 - 2010). ND-SD 2011 Joint Epscor (Experimental Program To Stimulate Competitive Research (Epscor) Conference, October 4, 2011 at NDSU Memorial Union, Fargo, ND.

Robert Mugabi, RoseAnn Miller, Jessica Nakavuma, Luke Nyakarahuka, Robert Barigye. **Margaret L. Khaitisa**. 2011. Prevalence of Brucellosis in Selected Herds of Cattle and Goats in Kiruhura District, Uganda. ND-SD 2011 Joint Epscor (Experimental Program To Stimulate Competitive Research (Epscor) Conference, October 4, 2011 at NDSU Memorial Union, Fargo, ND.

Robert Barigye, **Margaret L. Khaitisa**, David Kabasa. 2011. Capacity Building in Integrated Management of Trans-boundary Animal Diseases and Zoonoses in East and Central Africa: Setting up a Diagnostic & Animal Disease Investigation Center at the College of Veterinary Medicine. ND-SD 2011 Joint Epscor (Experimental Program To Stimulate Competitive Research (Epscor) Conference, October 4, 2011 at NDSU Memorial Union, Fargo, ND.

Michael Muleme^{1, 4}, Robert Barigye¹, Margaret L. Khaitisa¹, Eugene Berry¹, Anthony W. Wamono². Zoonotic Borreliosis: Influence of Climatic factors on disease occurrence, Poster presented at the 9th Graduate Students Association Research and Arts Forum, North Dakota State University Memorial Union, April 12, 2012.

Rahel Gemmeda,¹ Margaret L. Khaitisa¹ and J. F. Wamala². Ebola Hemorrhagic Fever Outbreak in Western Uganda: Epidemiological and Clinical Aspects. 1 Veterinary and Microbiological Sciences Department, North Dakota State University, Fargo, ND, 2 Ugandan Ministry of Health. Poster presented at the 9th **Graduate Research and Arts Forum**, North Dakota State University Memorial Union, April 12, 2012

Gemmeda R. D., D. Landblom, Doetkott D. Muleme M. and **Margaret L. Khaitisa**. 2012. Prevalence and Characterization of Shiga toxin producing Escherichia coli (STEC) isolates O26, O45, O103, O111, O121, and O145 and virulence genes in STEC isolated from healthy feedlot and range cattle in western North Dakota (ND). In the 72nd Annual North Central Branch of ASM (American Society for Microbiology) meeting at North Dakota State University, Fargo, ND, October 12-13, 2012.

Nessie Libone, **ML Khaitisa**, D. Doetkott, S. Rahman. 2012. Occurrence of Shiga toxin-producing Escherichia coli (STEC) and Salmonella in Feedlot runoff. In the 72nd Annual North Central Branch of ASM (American Society for Microbiology) meeting at North Dakota State University, Fargo, ND, October 12-13, 2012.

J. Tofteland, D. Landblom, D. Doetkott, **M.L. Khaita**. 2012. Prevalence of Shiga Toxin-Producing *Escherichia coli* O157H:7 in Beef Cattle at North Dakota State University Dickinson Research Extension Center, Dickinson, ND. In the 72nd Annual North Central Branch of ASM (American Society for Microbiology) meeting at North Dakota State University, Fargo, ND, October 12-13, 2012.

Nessie L. Tabe, S. Rahman, D. Doetkott, S. Olet, E. Tabe and **ML Khaita***, 2013. Detection of Shiga toxin-producing *Escherichia coli* (STEC) in Feedlot runoff. In: NC-1202, *Enteric Diseases of Food Animals: Enhanced Prevention, Control and Food Safety*, annual meeting, Chicago, IL, Dec.7-8, 2013.

Kabasa J.D*, J. B. Kaneene, F. Wakoko-Studstill, A. Ekiri, M. L. Khaita, 2013. International approaches in management of transboundary infectious diseases and zoonoses: Implications for United States agriculture. In: NC-1202, *Enteric Diseases of Food Animals: Enhanced Prevention, Control and Food Safety*, annual meeting, Chicago, IL, Dec.7-8, 2013.

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Sherry Blackmon, Getrude Shepelo, Haiden Rodgers, Samuel Okech, Celsus Sente, GabrielTumwine, David Owiny, Samuel Majalija, Florence Wakoko-Studstill, John David Kabasa, Sherman Jack, **Margaret L. Khaita** (2015). Integrating One Health principles into veterinary medical education using the Capacity Building in Integrated Management of Trans-boundary Animal Diseases and Zoonoses (CIMTRADZ) program. **MSU-CVM Research Day**.

Haiden Rodgers, Sherry Blackmon, **M.L.Khaita** Gertrude Shapiro, Sam Okech, Celsus Sente, Gabriel Tumwine, David Okello Owiny, Samuel Majalija, John David Kabasa, Sherman Jack, Florence Wakoko-Studstill. Simulation of the African Union as a Model for integrating One Health competencies into Veterinary Medical Education. **MSU-CVM Research Day**.

D. Invited Book Chapter:

October 1, 2007. Invited by President and Editor-in-Chief, Nova Science Publishers, Inc. Hauppauge, NY to contribute to a book entitled "Salmonella Infections: New Research."

E. Other Invited Research Presentations:

Herd characteristics and management practices related to high milk production and production of high milk quality in two regions of Ohio. Department of Veterinary Medicine, Virginia-Maryland Regional College of Veterinary Medicine. April, 2000
(*Interview Seminar*).

Longitudinal study of *Escherichia coli* O157:H7 fecal shedding by feedlot cattle. Department of Veterinary and Biomedical Sciences, University of Nebraska-Lincoln. January, 2002
(*Interview Seminar*).

Longitudinal study of *Escherichia coli* O157:H7 fecal shedding by feedlot cattle. Department of Veterinary and Microbiological Sciences, North Dakota State University. May, 2002
(*Interview Seminar*).

Prevalence of *Escherichia coli* O157:H7 fecal shedding by feedlot cattle over the feeding period. Presented to the graduate class of Dr. Marc L. Bauer, Department of Animal and Range Sciences, North Dakota State University, July 31, 2003.

The Role of diagnostic Laboratories in Disease Control: A case study of West Nile Virus in Horses in North Dakota – 2002. Department of Veterinary and Microbiological Sciences, North Dakota State University. January 16, 2004.

International Collaborative Opportunities: Education/Research/Outreach. Mississippi State University, College of Veterinary Medicine, September 11, 2012.

Khaitisa, M.L. 2013. "Global Perspectives of Research & Training of Higher Education Institutions Engaging with Africa: Opportunities/Strengths/Challenges". College of Veterinary Medicine, Mississippi State University, Starkville, MS, September 4, 2013.

Khaitisa, M.L. 2013. "Role of Schools of Public Health in "One Health": Case Studies from East and Central Africa. School of Public Health, University of Saskatchewan, at Saskatoon, Canada, September 26, 2013.

F. Non-Research Presentations:

Khaitisa M.L. 2007. Summer 2007 Study Abroad in Uganda Experiences: International Animal Production, Disease Surveillance & Public Health Course. The October, 2007 Guest speaker in "World I View." – an international speaker series sponsored by Office of International Programs, NDSU. *October 25, 2007.*

Khaitisa M.L. 2008. Campus Abroad in Uganda, Summer 2008: The history of Uganda, its people and the culture. A celebration of Black History Month at NDSU, sponsored by Multicultural Student Services. February 27, 2008. 1 p.m. to 2 p.m. in the Memorial Union, Room of Nations.

Khaitisa M.L. 2008. Summer Study Abroad in Uganda: International Animal Production, Disease Surveillance & Public Health Course. Seminar presentation to Food Safety/ Cereal Sciences & Food Science seminar series for spring 2008. *March 19, 2008.*

Khaitisa M.L. 2008. NDSU-Makerere University Partnership. Seminar presentation to Faculty of Veterinary Medicine, Makerere University, Kampala, Uganda seminar series. *November 5, 2008.*

Khaitisa M.L. 2008. Summer Study Abroad in Uganda: International Animal Production, Disease Surveillance & Public Health Course. Seminar presentation to NDSU Women in Science Maths Engineering & Technology (WISMET) in fall 2008. *November 21, 2008.*

Khaitisa M.L. 2008. NDSU-Makerere University Partnership. Brown Bag Seminar presentation to NDSU Environmental & Conservation Sciences (ECS) program in fall 2008. *December 3, 2008.*

Khaitisa M.L. 2008. Children and Families Across Cultures: A Case of Uganda – Class presentation to NDSU Child Development Family Science program in fall 2008. *November 26, 2008.*

Khaita ML 2010. African Diaspora's roles for the culture of peace in Africa. AFRICA WARMTH Peace Forum– www.africawarmth.org .The first international Conference on the theme *Cultural Diversity and Community Education for Peace in Africa*, Washington D. C. 24th - 25th September 2010.

3. Grants, Contracts and Awards

A. Grants Awarded:

Total Grants Awarded (Over \$4,039,985)

Ear Mark Grants (\$934,158)

Competitive Grants with Khaita as Principal Investigator (\$2,818,117)

Collaborative Grants (\$271,078)

Travel Grants for Professional Development (\$12,195)

Conference Grant (\$5,000)

Other Grants (\$8,437)

(Governors school-\$6,000; Teaching materials-\$892; Seminar speakers \$1,545)

(Amounts indicated represent the portion of the grant awarded to Khaita). (PI if listed first, Co-PI if listed later).

Logue C., Nolan L, Nganje W., Sellnow T, Hinsz V., **Khaita, ML.** Food Safety Risk Assessment. USDA-CSREES Special Research Grant. 06/2003 - 06/2005. **\$125,553**

Logue C., Nolan L, Nganje W., Sellnow T, Hinsz V., **Khaita, ML.** Food Safety Risk Assessment. USDA-CSREES Special Research Grant. 05/2004 – 04/2006. **\$155,330**
(*Khaita portion of the grant*).

Lawley S., **Khaita M.L.**, Lardy, G.P. Bauer and Gibbs, P.S. 2004. Validation of RFID Bolus as a Temperature Sensor and its Suitability for Disease Detection in Cattle. To: Agricultural Products Utilization Commission (APUC). **\$ 15,750** (*In collaboration with DataTic Technologies Co. Langdon, ND. Granted February 10, 2004 but the research could not be conducted at NDSU due to policy disagreements between NDSU & DataTic Technologies Co*).

Khaita ML. Risk Assessment and Control Strategies for *Escherichia coli* O157:H7 and *Salmonella* in North Dakota Beef Cattle Pre-harvest. Hatch project submitted to North Dakota Agricultural Experiment Station (*approved, July, 2004*).

Freeman D., **Khaita, ML.**, et al. Biosecurity, Disease Surveillance and Food Safety. Bioterrorism Preparedness in North Dakota. USDA/APHIS-Special Research Grant. 12/2004 - 08/2005. **\$73,580.**

Freeman D., **Khaita, ML.**, et al. Agrosecurity, Disease Surveillance and Public Health. Bioterrorism Preparedness in North Dakota. USDA/APHIS-Special Research Grant. 09/2005 - 08/2006. **\$68,401.**

Logue C., Nolan L, Nganje W., Sellnow T, Hinsz V., **Khaita, ML.** Food Safety and Security - Risk Assessment. USDA-CSREES Special Research Grant. 06/2005- 05/2007. **\$174,704**

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Logue C., Panigrahi S., Logue C., Nolan L, Nganje W., Sellnow T, Hinsz V., **Khaita, ML.** Food Safety and Security – Sensor Technology. USDA-CSREES Special Research Grant. 06/2005- 05/2007. **\$8,680.**

Khaita, M.L., Neil W. Dyer and Charles L. Stoltenow. 2005. Management of Anthrax in North Dakota Livestock: ND State Board of Agricultural Research and Education (SBARE). Duration January 12, 2006 – June 30, 2007. **\$16,000.**

Khaita M.L. 2006. Application for funds to purchase Epidemiology teaching videos and library reference text books. The NDSU Development Foundation Libraries Endowment Fund, NDSU Development Foundation Board of Trustees **\$891.65**

Freeman D., **Khaita, ML.**, et al. Agrosecurity, Disease Surveillance and Public Health. USDA/APHIS-Special Research Grant. 09/01/2006 - 08/31/2007. **\$81,823.00.**

Logue C., Nolan L, Nganje W., Sellnow T, Hinsz V., **Khaita, ML.** Food Safety Risk Assessment. USDA-CSREES Special Research Grant. 08/01/2006 – 07/31/2008. **\$192,433.00.**

Wolf-Hall, C., Garden-Robinson, J., Hall, C., Hinsz, V., **Khaita, M.L.**, Nganje W., Sellnow, T., Wachenheim, C., 2006. Great Plains Portal to Food Safety: Educating Tomorrow's Leaders. USDA CSREES – grant. November, 2006. **\$ 156,000.**

Barigye, R., **Khaita, M.L.**, Dyer, W.N., and Newell, K.T. 2006. A Study on the Role of *Giardia* spp in Neonatal Calf Scours in North Dakota livestock: ND State Board of Agricultural Research and Education (SBARE). Duration January 1st-December 31, 2006. **\$ 16,528.**

Khaita M.L. Epidemiology of multi-drug resistant *Salmonella* within beef, bison and poultry production systems: What are the human health risks? to American Meat Institute Foundation (AMIF) - **(PP) (Approved for development into full proposal, October 1, 2007).**

Barigye, R., **Khaita, M.L.**, Dyer, W.N., and Newell, K.T. 2008. A study on the role of *Giardia* spp in neonatal calf scours in North Dakota livestock – Evaluation of Risk Factors in *Giardia*-associated Calf Scours. ND State Board of Agricultural Research and Education (SBARE). Duration: January 10th-December 31, 2008. **\$ 13,300.**

Freeman D., **Khaita, ML.**, et al. 2008. Agrosecurity, Disease Surveillance and Public Health. USDA/APHIS-Special Research Grant. 08/01/2008 - 08/30/2009. **\$53,654.00.**

Khaita, M.L., D. Freeman, E. Berry, C. Logue, B. Pruess, P. Gibbs, N. Dyer, R. Barigye, J. McEvoy and J. Schuh, 2008. Promoting Global Expertise in Emerging Infectious Diseases of Animals. USDA-Higher Education Challenge. January 2009 –December 2011. **\$ 142,767**

Khaita, M.L., 2008. Characterization of Antimicrobial Resistance and presence of Integrins in *Salmonella* Isolated from sick cattle and humans and from meat products from the Midwestern US. NDSU- The IDeA Network of Biomedical Research Excellence (INBRE)

support for undergraduate students. September 2, 2008-April 30 2009. **\$10,000.**

Khaita, M.L., Kabasa J.D., D. Freeman, R. Barigye, R., Card C.; Kaneene J., Sicho, W., Wakoko-Studstill, F. Pelican K., et al. 2009. Capacity Building in Integrated Management of Zoonoses and Vectorborne Diseases in Eastern and Central Africa, HED (Higher Education for Development), Africa-US Higher Education Initiative Planning Grants **\$ 50,000.**

Khaita, M.L., Andrea Grondahl. 2009. Surveillance of *Listeria monocytogenes* and *Salmonella* in ready to eat meats from processing plants and retail outlets in North Dakota.: ND State Board of Agricultural Research and Education (SBARE). Duration January 12, 2010 – December 31, 2010. **\$8,010.**

Khaita, M.L., Kabasa J.D., Freeman, D., Barigye, R., Card C.; Kaneene J., Sicho, W., Wakoko-Studstill, F. Pelican K., et al. 2010. Capacity Building in Integrated Management of Transboundary Animal Diseases & Zoonoses in Eastern and Central Africa, HED (Higher Education for Development), Africa-US Higher Education Initiative – February 2011-February 2013. **\$ 1,100,000**

Khaita M.L. North Dakota Governor's School award. Duration summer 2004-2010, **\$4,000.**

Birgit M. Pruess, **Margaret L. Khaita**, Jane M. Schuh, Penelope Gibbs, 2010. North Dakota State University Advance FORWARD Leadership Leap Lab Renovation Grant, 2010, **\$30,000.**

Khaita, M.L., North Dakota State University Advance FORWARD Leadership Development Grant, 2010-2011, **\$6,825.**

Khaita, M.L. & R. Barigye. North Dakota State University Graduate School - Instructional Development Grant. Duration January –June 30, 2011. **\$5,000.**

Khaita, M.L., North Dakota State University Advance FORWARD Course Release Grant (Spring semester (January –May, 2012). **\$8,540.**

Khaita, M.L. and Ekiri A. Scholarship fund for students' study abroad summer course in Uganda "International Animal Production, Disease Surveillance & Public Health".The Centennial Endowment Fund, NDSU Development Foundation, March 2013-September, 2014. **\$5,000.**

Khaita ML, Abel Ekiri & Sheela Ramamoorthy, 2013. Approaches in Management of Transboundary Infectious Diseases and Zoonoses: Implications for United States Agriculture, Conference Grant to US Department of Agriculture (USDA), National Institutes of Food & Agriculture (NIFA) July, 2013. **(\$5,000).**

Khaita, M.L., Kabasa J.D., Freeman, D, Card C.; Kaneene J., Sicho, W., Wakoko-Studstill, F. Pelican K., et al. 2013. Capacity Building in Integrated Management of Transboundary Animal Diseases & Zoonoses in Eastern and Central Africa, **HED** (Higher Education for Development) **and USAID**-US Aid for International Development, Africa-US Higher Education Initiative – October 1, 2013- September 30, 2016 (Phase 2). **\$ 1,465,975.**

Khaita, M.L., Shelver W. 2013. Evaluation of methods for detection of Shiga-toxin producing *Escherichia coli* and *Salmonella enterica* from inoculated cattle fecal samples, retail meat, and fresh produce and their application to real world samples. USDA-

Agricultural Research Service (ARS), Specific Cooperative Agreement. September 1, 2013 – June 30, 2016. **\$20,000.**

Travel Grants Awarded

Khaita, M.L. Funds to bring in VMS Seminar speakers (Dr. David R. Smith from University of Nebraska, Lincoln (\$245), Dr. Scott J. Wells (\$155) and Dr. Chul Kyo Mok from University of Minnesota and Dr. George Lubega (\$195) from Makerere University, Kampala-Uganda. Duration Spring & Fall 2004. **\$750** from the NDSU Cooperative Sponsorship Committee and **\$100** from Animal & Range Sciences, and **\$100** from Agricultural & Biosystems Engineering departments, NDSU.

Khaita ML. Professional Development Grant Application- to NDSU presidential Fund, 2003-2004 to attend a course “Epidemiology in action” at Emory University/CDC, Atlanta, GA (April 26-May 7, 2004) **\$1,000** (*granted March, 2004*).

Khaita ML. Professional Development Grant Application- to NDSU presidential Fund, 2004-2009 to attend and present papers at the Annual Conference of Research Workers in Animal Diseases, Chicago, IL, **\$5,000**

Khaita ML. Professional Development Grant Application- to NDSU presidential Fund, 2006-2007 - to attend the American Public Health Association's 134th Annual Meeting and Exposition in Boston, MA, November 4-8, 2006 **\$1,000** (*October, 2006*).

Khaita ML, J. Oloya. Travel Award Application- to NDSU Office of Sponsored Programs, 2007 - to attend the IGERT workshop in Washington D.C., February 14, 2007 **\$200.**

Summary of Selected Competitive Grants Received (with Khaita as PI):

Khaita, M.L., et al. 2005. Management of Anthrax in North Dakota Livestock: ND State Board of Agricultural Research and Education (SBARE). Duration January 12, 2006 – June 30, 2007. **\$16,000.**

Khaita, M.L., 2008. Characterization of Antimicrobial Resistance and presence of Integrons in Salmonella Isolated from sick cattle and humans and from meat products from the Midwestern US. NDSU- The IDeA Network of Biomedical Research Excellence (INBRE) support for undergraduate students **\$10,000** (September 2, 2008-April 30 2009),

Khaita, M.L., et al., 2008. Promoting Global Expertise in Emerging Infectious Diseases of Animals. USDA-Higher Education Challenge **\$ 142,767** (January 2009 - August 2012).

Khaita, M.L., Andrea Grondahl. 2009. Surveillance of Listeria monocytogenes and Salmonella in ready to eat meats from processing plants and retail outlets in North Dakota.: ND State Board of Agricultural Research and Education. Duration 01/12/2010 - 12/31/2010. **\$8,010.**

Khaita, M.L., North Dakota State University Advance FORWARD Leadership Development Grant, 2010-2011, **\$6,825.**

Khaita, M.L. & R. Barigye. North Dakota State University Graduate School - Instructional Development Grant. Duration January –June 30, 2011. **\$5,000.** **Khaita, M.L.,** North Dakota State University Advance FORWARD Course Release Grant (spring semester, January –May, 2012). **\$8,540.**

Khaita, M.L. and Ekiri A. Scholarship fund for students’ study abroad summer course in Uganda “International Animal Production, Disease Surveillance & Public Health”. The Centennial Endowment Fund, NDSU Development Foundation, March 2013-September, 2014. **\$5,000.**

Khaitso ML, Abel Ekiri & Sheela Ramamoorthy, 2013. Approaches in Management of Transboundary Infectious Diseases and Zoonoses: Implications for United States Agriculture, Conference Grant to US Department of Agriculture (USDA), National Institutes of Food & Agriculture (NIFA) July, 2013. **(\$5,000)**.

Khaitso, M.L., Kabasa J.D., et al. Capacity building in Integrated Management of Transboundary Animal Diseases and Zoonoses in East and Central Africa. USAID **\$50,000** (Planning Grant, 2009-10), **\$1,100,000** (Phase 1, 2011-13) and **\$905,804** (Phase 2) (2014-2015).

Millea (PI), **Khaitso ML**, Ragsdale K, Seal S, Ruth Muwazi (Mak), Naigaga I (Mak), et al. Women Empowering Women (WEW): Equipping rural women with entrepreneurship skills and supporting education of the girl child. Mississippi State University International Institute, International Working Group (IWG) Grant **(\$4000)**. December 15, 2014.

Hart Bailey (PI), **Khaitso ML**, Byron Williams, Millea, Saphan Muzora, Sylvia Baluka. Strengthening and Advancing Food safety Education (SAFE): The case of Uganda. Mississippi State University International Institute, International Working Group (IWG) Grant **(\$4000)**. December 15, 2014.

Capano Craig, Celsus Sente, **Margaret L. Khaitso** and Hartford Bailey (2015). Improving the fish drying process at the Lake Mburo National Park fishing community. Mississippi State University International Institute, International Working Group (IWG) Grant **(\$4,000)**.

Margaret L. Khaitso, Thu Dinh, Sylvia A. Baluka, Edward Okori, Thomas Graham (2015). Neglected Tropical Diseases (NTDs) in Uganda: Impact on Food Security and Public Health. Mississippi State University International Institute, International Working Group (IWG) Grant **(\$4000)**.

Bailey Hart, **Khaitso ML**, Muyanja C, Nasinyama G, Baluka, S (2015). USDA-FAS. Food Safety Law and Regulatory Review for the Eastern, Western & Southern Regions of Africa- 2016-2017; **(\$80,000)**.

Margaret L. Khaitso, T. Tabler, Agricola Odoi, Tom Gills (2017). Strengthening Agricultural Production and Regional Trade among women smallholder farmers in Tanzania. USDA-FAS Grant **(\$40,000)**.