

# CURRICULUM VITAE

## PERSONAL DATA

Name: Alfred Chikweto

Sex: Male

Marital status: Married

Nationality: Zambian

Address:  
St. George's University  
School of Veterinary Medicine  
Pathobiology Academic Program  
True Blue  
Box 7  
Grenada, West Indies.

Cell number: 473 419 2553

Tel: 473 443 7141

E-mail Address: [chikwetoa@yahoo.com](mailto:chikwetoa@yahoo.com)  
[achikweto@sgu.edu](mailto:achikweto@sgu.edu)

## **EDUCATION**

### **March 8-15, 2010**

Training in *Toxoplasma gondii* serological and molecular diagnostics- United states department of Agriculture, Maryland USA. The training was organized by Dr. J.P Dubey, an expert in toxoplasmosis research.

### **May, 2009**

Msc in Veterinary Pathology (St. George's University). Msc Thesis: Canine cutaneous neoplastic and non-neoplastic tumors in Grenada. Graduated with a GPA of 4 and honored with a St. George's University medal.

### **October-November, 2007**

Certificate of completion of a 2 credit course in Practical Application of Molecular Diagnostic Assays. 15<sup>th</sup> October to 2<sup>nd</sup> November, 2007 (St. George's University).

### **November, 2000**

Bachelor of Veterinary Medicine (University of Zambia)

### **April, 2001**

Diploma in Business Management/Administration (Cambridge international college) by distance learning. Passed with distinction.

### **November, 1991**

School Certificate (Serenje Boys Technical Secondary School, Zambia).

## **EMPLOYMENT HISTORY**

### **June, 2009 to date**

- **Assistant professor** (St. George's University, Grenada, West Indies).
- Veterinary Pathology (Laboratory diagnostics- necropsy, Pathobiology Academic Program, School of Veterinary Medicine).
- Faculty member for a graduate program course, Scientific Text Organization and Presentation (MPTH 825).
- Course director for the graduate program course, Advanced necropsy training (VSGP 845).

### **June, 2007**

**Instructor**, Veterinary Pathology (Clinical skills- necropsy, Pathobiology Academic Program, SVM).

### **June, 2004- May, 2007**

**Teaching Associate**, Veterinary Pathology, Pathobiology Academic Program, SVM .

**November, 2000 – March, 2004**

**House surgeon**, Veterinary Pathology, Department of Paraclinical Studies, School of Veterinary Medicine, University of Zambia.

## **CONTRIBUTIONS TO THE COMMUNITY, UNIVERSITY OF ZAMBIA**

**22nd September to 3rd October, 2003**

Participated in teaching of poultry farmers of Lusaka, Zambia in a course on poultry keeping and production organized by the School of Veterinary Medicine, University of Zambia.

**29th July to 11th September, 2002**

Participated in the teaching (practical) of veterinarians belonging to the Southern African Development Community (SADC) region in the 4<sup>th</sup> Third country training programme course (Poultry Disease Module) organized by the University of Zambia (UNZA), School of Veterinary Medicine in conjunction with the Japanese International Cooperation Agency (JICA).

## **CONTRIBUTIONS AFTER JOINING ST. GEORGE'S UNIVERSITY**

### **1. Teaching**

- Teaching pathology through supervision and demonstration of necropsy techniques to DVM, 4<sup>th</sup> and 6<sup>th</sup> term veterinary students.
- Teaching and Assisting in laboratory sessions for DVM 3<sup>rd</sup> and 4<sup>th</sup> term veterinary students.
- Developed and teaching a graduate course, Advanced necropsy training.
- One of the faculty members for Scientific Text Organisation and Presentation, a graduate course.

### **2. Diagnostic services to:**

- Veterinary Teaching Hospital.
- Veterinarians in private practice.
- Grenada Society for Prevention of Cruelty to Animals (GSPCA).

### **3. Data and specimen collection at necropsy**

- For student use and research.

### **4. Community outreach**

- Organizing committee member for the outreach seminar to bee farmers scheduled for November, 2011.

### **5. Committee membership**

- Steering committee for Joint Msc program among Makerere University (Uganda), St. George's University (Grenada) and Kigali Institute of Technology (Rwanda).
- SVM Judiciary committee.
- Committee member for Keshaw Tiwari; Msc student in morphological and clinical pathology.

## RESEARCH

### Research projects

- Rabies in Mongoose in Grenada ( Co- investigator; the PI is Dr. Zieger)
- Prevalence of Canine heartworm disease at necropsy. Completed
- Prevalence *Spirocerca lupi* in owned and stray dogs at necropsy. Completed. Manuscript being prepared.
- Pathology and Internal parasites in stray dogs. Completed.
- Bovine Tuberculosis survey in Grenada, using comparative tuberculin and interferon gamma tests. Completed. Manuscript in preparation.
- Exposure of livestock to *Brucella spp* in Grenada. Completed. Manuscript submitted for publication.
- Campylobacter in sheep and goats in Grenada. Completed. Manuscript in preparation.
- Brucellosis, Leishmaniasis and American trypanosomiasis in dogs from Grenada. Completed. Manuscript in preparation.
- Intestinal helminths in small ruminants. Completed. Manuscript in preparation.

## WORKSHOPS, SEMINARS AND CONFERENCES ATTENDED

### September, 2011

St. George's University research day, Grenada.

### May, 2011

6<sup>th</sup> Caribbean bee conference, Grenada.

### February 2010

St. George's University research day, Grenada.

### July 11<sup>th</sup>-14<sup>th</sup>, 2009

146<sup>th</sup> American Veterinary Medical Association convention. Seattle, USA.

### February, 2009

Panel on research and Scholarly activity seminar, St. George's University, Grenada.

**January 5<sup>th</sup> – 9<sup>th</sup> January, 2009**

Vocationalization of Animal Sector Education Systems/ Masters of Animal Product Processing, Entrepreneurship and Safety (VASES/MAPPES) workshop. Makerere University, Uganda. An EDULINK project funded by the European Union.

**July 19<sup>th</sup> - 25<sup>th</sup>, 2008**

145<sup>th</sup> American Veterinary Medical Association convention. New Orleans, USA.

**February, 2008**

Panel on research and Scholarly activity seminar, St. George's University, Grenada.

**Nov 4<sup>th</sup>- 8<sup>th</sup>, 2007.**

4<sup>th</sup> Pan-Commonwealth Veterinary conference, Hilton hotel. Barbados.

**July 14<sup>th</sup> - 18<sup>th</sup>, 2007**

144<sup>th</sup> American Veterinary Medical Association conference, Washington DC, USA.

**February, 2007**

Panel on research and Scholarly activity seminar, St. George's University, Grenada.

**November 8<sup>th</sup>-10<sup>th</sup>, 2006**

24<sup>th</sup> Biennial Caribbean Veterinary Medical Association conference. Grand Beach hotel, Grenada.

**February, 2006**

Panel on research and scholarly activity seminar, St. George's University, Grenada.

**27<sup>th</sup> to 30<sup>th</sup> January, 2003.**

Training workshop on **Ecosystem health**, organized by Nagoya University of Japan in conjunction with the School of Veterinary Medicine, University of Zambia.

## PUBLICATIONS

**A. Chikweto**, P. McNeil, M. I. Bhaiyat, D. Stone, and R. N. Sharma, "Neoplastic and Nonneoplastic Cutaneous Tumors of Dogs in Grenada, West Indies," *ISRN Veterinary Science*, vol. 2011, Article ID 416435, 6 pages, 2011. doi:10.5402/2011/416435

**A Chikweto**, S Kumthekar , KP Tiwari, B Nyack, M Deokar, G Stratton, C Macpherson, R Sharma, JP. Dubey. 2011. Seroprevalence of *Toxoplasma gondii* in pigs, sheep, goats, and cattle from Grenada and Carriacou, West Indies. *Journal of Parasitology*. **97**: pp. 950-951.

Arathy DS, Tripathy D N , Sabarinath G P, Bhaiyat M I, **Chikweto A**, Mathew V Sharma, RN. 2010. Preliminary molecular characterization of a fowlpox virus isolate in Grenada. *Avian Diseases*. **54**, pp. 1081-1085.

C. Fernandez , **A. Chikweto**, S. Mofya, L. Lanum, P. Flynn, J. P. Burnett, D. Doherty, R. N. Sharma. 2010 . A serologic study of *Dirofilaria immitis* in feral cats in Grenada, West Indies. *Journal of Helminthology*. 84 (4) pp.390-393.

**A Chikweto**, R Sharma and V Matthew.2009. Failure to detect antibodies against Equine infectious anemia virus in donkeys (*Equine asinus*) in Grenada and Carriacou, West Indies. *West Indian Veterinary Journal*. **9** (2), pp iv.

Keshaw P Tiwari, **Alfred Chikweto**, Guillaume Belot, Guillaume Vanpee, Claude Deallie, Graeme Stratton, Ravindra N Sharma. 2009. Prevalence of intestinal parasites in pigs in Grenada, West Indies. *West Indian Veterinary Journal*. 9 (1) 22-27.

C. Coomansingh, RD Pinkney, **A. Chikweto**, MI Bhaiyat, S. Bitner, A. Baffa, R Sharma. 2009. Prevalance of endoparasites in wild rats in Grenada. *West Indian Veterinary Journal*. **9** (1) 17-21.

J.P. Dubey M. Lappin, S Mofya, **A. Chikweto**, A. Baffa, D. Doherty, J. Shakeri. C. N. L. Macpherson and R. N. Sharma. 2009. Seroprevalence of *Toxoplasma gondii* and concurrent *Bartonella spp.*, Feline immunodeficiency virus, and Feline leukemia virus infections in cats from Grenada, west indies. *Journal of Parasitology*. **95** (5), pp.1129-33.

M.I Bhaiyat, H. Hariharan, **A. Chikweto**, E. Brathwaite-Sylvester, P.J.A. Burnett, V. Matthew, S. Oliveira, C. Johnson. 2009. Concurrent lymphosarcoma and *Salmonella enteritidis* in a cat: a case report. *Veterinarni Medicina*. **54** (9), pp. 451-454.

**A. Chikweto**, M. I. Bhaiyat, C. Macpherson , C. DeAllie, R.D Pinckney, C. Richards, R.N Sharma. 2009. Existence of *Angiostrongylus cantonensis* in rats (*Rattus norvegicus*) in Grenada, West Indies. *Journal of Veterinary Parasitology*. **162** (1-2), pp.160-162.

Harry Hariharan, Shilpa Sharma, **Alfred Chikweto**, Vanessa Matthew and Claude DeAllie. 2009. Antimicrobial drug resistance as determined by the E-test in *Campylobacter jejuni*, *C. Coli* and *C. lari* isolates from ceca of broiler and layer chickens in Grenada. *Comparative Immunology, Microbiology and Infectious Diseases*.**32** (1), pp. 21-28.

**A. Chikweto**, M. I Bhaiyat, R.Sharma, C. deAllie, P.E McNeil. 2009. Angiomatous lesions of the skin of dogs in Grenada. *Journal of Commonwealth Veterinary Association*. **25** (1), pp. 29-31.

Hariharan H, **Chikweto A**, Bhaiyat MI, Brathwaite E, Sharma RN. 2008. Isolation of *Aerococcus viridans* from a hepatitis outbreak in a broiler flock in Grenada. *West Indian Veterinary Journal*. 8:72-76.

Lisa M. Keenan, **Alfred Chikweto**, Ravindra N. Sharma, Diana M. Stone. 2008. Seroprevalence of Hantavirus in *Rattus norvegicus* in Grenada, West Indies. *West Indian Veterinary Journal*.**8** (2), pp. 67-71.

Vaithianathan Sivanadan, Lidia Dragon, Harry Hariharan, **Alfred Chikweto**, Vanessa Matthew, Ravindra N. Sharma. 2008. Isolation of *Culvularia* species fungus from skin lesions of a dog in Grenada, West Indies. *West Indian Veterinary Journal*. **8** (2), pp.81-83

R.D Pinckney, C. Coomansingh, M. I Bhaiyat, **A. Chikweto**, R. Sharma, C. N. L Macpherson. 2008. Prevalence of gastrointestinal parasites in free- range poultry in Grenada, West Indies. *West Indian Veterinary Journal*.**8** (1), pp. 23-26.

**A. Chikweto** , R. N Sharma, V. Matthew, G. Stratton, K. Thorne, L. Parke and D. Dummer.2008. Seroprevalence of West Nile Virus in donkeys in Grenada and Carriacou. *West Indian Veterinary Journal*. **8** (1), pp. 32-33.

Harry Hariharan, Simone Oliveira, Shilpa Sharma, Vanessa Matthew, **Alfred Chikweto**. 2008. Antimicrobial drug resistance and genetic diversity of commensal *Escherichia coli* from ceca of chickens in Grenada. *West Indian Veterinary Journal*. **8** (1). pp 3-10.

Hariharan, H., Sharma, S., **Chikweto, A** and Matthew, V. 2007. Enterobacteriaceae from chicken ceca in Grenada and susceptibility of *Escherichia coli* isolates to fluoroquinolones. *West Indian Veterinary Journal*. **7** (1), pp. 8-11.

Dubey. J.P., Bhaiyat, M.I., Macpherson, C.N.L., DeAllie C., **Chikweto, A.**, Kwok, O.C.H and R.N. Sharma. 2006. Prevalence of *Toxoplasma gondii* in Rats (*Rattus norvegicus*) in Grenada, West Indies. *Journal of Parasitology*. **92** (5), pp. 1107-1108.

11. Shuklar, R.R, Samui, K.L, **Chikweto, A**, Tuchili, L...M, Nambota, A. Pandey, G.S and Sabharwal, S. 2001. Tuberculosis in Wildebeest. *Indian Journal of Veterinary Pathology*.**25** (1&2), pp. 67.

12. Shuklar, R.R, Samui, K.L, **Chikweto, A**, Tuchili, L.M, Nambota, A. Pandey, G.S and Sabharwal, S. 2001. Rabies in a cat in Lusaka. *Indian Journal of Veterinary Pathology*, **25** (1&2), pp. 62.

## **PAPERS SUBMITTED FOR PUBLICATION**

Keshaw PT, Chikweto A, Sabarinath A, Sabarinath GP, Sharma RN  
Hemoparasites of backyard poultry and wild pigeons in Grenada.  
*West Indian Veterinary Journal*.(under review)

Diana M. Stone, Sachin Kumthekar, Alfred Chikweto, Derek Thomas, Keshaw Tiwari, and Ravindra N. Sharma<sup>1</sup> Exposure to zoonotic abortifacients among sheep and goats in Grenada and Carriacou. The manuscript has been accepted for publication in the **Journal of Animal and Veterinary Advances**.

## **POSTERS IN INTERNATIONAL CONFERENCES**

- A. Chikweto, M .I. Bhaiyat, H. Larkin, S. Kumthekar, K. Tiwari. Canine Genital and extragenital transmissible venereal tumor (TVT) in Grenada, West Indies. American College of Veterinary Pathologists annual meeting. December 3<sup>rd</sup>, 2011. Nashville, USA
- D. Tripathy, V. Matthew, R. Sharma, M.I Bhaiyat. First Isolation of a virus (avianpox) in Grenada. AVMA, 2008. New Orleans. USA
- R. Sharma, M.I Bhaiyat, A. Chikweto, C. deAllie, P.E. McNeil. Skin tumors of dogs in Grenada. European Society of Pathologists (ESVP). 2008. Croatia.
- Hariharan H, Sharma S, Chikweto A, Matthew V, DeAllie C. 2008 Antimicrobial drug resistance as determined by the E-test in *Campylobacter jejuni*, *C. coli*, and *C. lari* isolates from the ceca of broiler and layer chickens in Grenada. World Veterinary Congress, Vancouver Canada, July 2008.

## **CONFERENCE AND SEMINAR PRESENTATIONS**

### **September, 2011**

Prevalence of bovine tuberculosis and awareness of the disease by cattle farmers in Grenada. St. George's university research day.

### **May, 2011**

Potential benefits of apiculture in developing countries such as Grenada: challenges for veterinarians. 6<sup>th</sup> Caribbean bee keeping conference, Grenada, West Indies.

### **February, 2010**

- Seroprevalence of *Toxoplasma gondii* and Concurrent *Bartonella spp*, Feline Immunodeficiency Virus and Feline Leukemia Virus Infections in Cats from Grenada, West Indies. St. George's University research day.

### **February, 2009**

- A serologic survey of *Dirofilaria immitis* in feral cats in Grenada, West Indies. Panel on research and scholarly activity. St. George's University, Grenada, West Indies.

### **February, 2008**

- West Nile virus and Equine infectious anemia: Seroprevalence in Grenada and Carriacou. Panel on research and scholarly activity. St. George's University, Grenada, West Indies.

### **November 4<sup>th</sup> to 8<sup>th</sup>, 2007.**

- Angiomatous lesions of the skin of dogs in Grenada. The 4<sup>th</sup> Pan-Commonwealth conference. Barbados.
- **February, 2007**  
Prevalence of Angiotrogyliaisis in rats (*Rattus norvegicus*). Panel on research and scholarly activity. St. George's University.

### **November, 2006.**

- Prevalence of Spirocercosis in dogs in Grenada. 24<sup>th</sup> biennial Caribbean Veterinary Medical Association conference.

### **February, 2006.**

- Angiostrongyliasis in a wild rat. Panel on research and scholarly activity meeting at St. George's University, Grenada, West Indies.

## **MEMBERSHIP**

- Veterinary Association of Zambia (VAZ).
- International Veterinary Information Service (IVIS).
- Phizeta honor society

## **AWARDS AND HONORS**

- Pfizer animal health award for research excellence. Nov. 2010. St. George's University.
- Inducted in the phizeta honor society, March, 2010. St. George's University
- Graduate speaker, May, 2009. St. George's University.

## **REVIEWS**

*Parastrongylus cantonesis* in Spain. *Acta Tropica*.

## **GRANTS**

- Brucellosis in food animals. \$ 2500 from St. George's university small grant initiative.

## **SUPERVISING**

External students on summer student research internship at St. George's university, school of veterinary medicine.

- Belot Guillome . Ecole Veterinary college, France. May to July, 2009.
- Angela Pashain and Kayla Pashain. Michigan state University, USA. May to July, 2011.
- Jeremie Gozlan and Quentine Langeois, Ecole veterinary college, France. June to July, 2011.

## **REFEREES**

Dr. Borniface Namangala,  
The University of Zambia,  
School of Veterinary Medicine,  
P.O Box 32379,  
LUSAKA, ZAMBIA  
Tel: +260 293727.  
Email: [boniface\\_1020@yahoo.com](mailto:boniface_1020@yahoo.com)

Dr. Rhonda Pinckney  
St. George's University  
School of Veterinary Medicine.  
P.O Box 7  
GRENADA, W.I.  
Email: [rpinckney@sgu.edu](mailto:rpinckney@sgu.edu)