

UBALD TAMOUFE

Curriculum Vitae

PERSONAL DATA:

Date of birth: March 18, 1964
Citizenship: Cameroonian
Marital status: Married
Email: utamoufe@gvfi.org

EDUCATION :

2005 Maters Degree in Public Health (MPH), *Université Henri Poincaré, Nancy I, France.*

2004 Training in Epidemiology in Public Health and Biostatistics at Johns Hopkins Bloomberg School of Public Health, Baltimore, USA.

1991 Masters Degree in Biotechnology Engineering and Nutrition from the National Institute for Food Technology, University of *Ngaoundéré*, Cameroon.

1987 Diploma in Physics and Chemistry, University of Yaoundé-Cameroon.

CURRENT POSITION:

Central Africa Regional Director, Global Viral Forecasting Initiative.

PROFESSIONAL EXPERIENCE:

2003-2008 Assistant Researcher at Johns Hopkins Bloomberg School of Public Health and at the University of California at Los Angeles.

2005-2007 Protocol Coordinator for the study entitled “Prevalence, Incidence and Diversity of HIV-1 infection in the Armed Forces, Plantation, and Rural Villages in Cameroon” with primary objective to estimate after 4 years of follow up the HIV-1 incidence in volunteer cohorts in different populations in Cameroon and to study feasibility of future vaccine trials. Funding for this study is from US Walter Reed Army Institute of Research and the study is monitored by US Military HIV Research Program and Johns Hopkins Bloomberg School of Public health.

2004-2005 Coordination of preparatory activities for the implementation of the HIV incidence cohort study among different populations in Cameroon (Protocol finalization, submission for ethical approvals both in Cameroon and in USA, submission for administrative clearance in Cameroon, study site identification and negotiation of memorandum of understanding with these sites, supervision of ordering, shipping, and clearance of goods at the custom and installation of equipment at the study site, development of study standard operating procedures, and study staff identification and training. Population-based health education on STIs, setting-up VCT centers (in plantation and military) and HIV treatment center at Hevecam plantation.

2002-2003 Coordinator of the Cameroon component of the multi sites study entitled “Observational Probe Study of In Vitro Immune Response Parameters to the Candidate HIV-1 Vaccine Antigens among Subjects from Brazil, Thailand, South Africa, Malawi, Botswana and Cameroon, with main objective to examine cross-reactivity of HIV strains prevalent in Cameroon with candidate HIV vaccines.

2002-2006 Coordinator of the US Department of Defense/Division of HIV/AIDS Prevention Program funded project in Central Africa entitled “Improving Surveillance and Prevention of STI/HIV/AIDS among Armed Forces and Police Personnel in seven Central African Countries: Cameroon, Democratic Republic of Congo, Congo-Brazzaville, Gabon, Equatorial Guinea, Sao Tome, and Chad”.

2000-2003 Coordinator of the study entitled “Molecular Epidemiology of HIV-1 and Related Viruses in Rural Human Populations in African Rain Forest” with objective to investigate the distribution of viral genetic diversity of retroviruses and other viruses in relation to nonhuman primate exposure, travel and geography in Cameroon. The study was implemented in 17 sites.

- 2000-2003 In-country field coordinator for the study entitled “Limitations to Measles Vaccine Delivery in Cameroon” with objective to Evaluate in parallel three promising new approaches to measles immunization in order to identify the one with the best chance for immunizing young infants while they still have maternal antibody
- 1998-Dec 2000 Study Coordinator for a Phase III randomized controlled trial aiming to assess the effect of nonoxynol-9 gel (Conceptrol) use on male-to-female transmission of HIV, Gonorrhoea and Chlamydia infections among women at high risk in Yaoundé-Cameroon.
This study started in October 1997 and was sponsored by Family Health International (FHI). Primary responsibilities included monitoring of study implementation, personnel management, management of study logistics, budgeting, management of data processing, and exchange of information between the study site and the FHI study team in USA.
- 1998 Supervised Family Health International study to assess the use of an inexpensive trend analysis methodology for evaluating program impact following the dissemination of family planning service delivery guidelines in Cameroon under USAID funds from 1992 to 1996. Primary responsibilities included training of interviewers, monitoring the data collection, data processing and management.
- 1995 IEC Consultant, FHI/AIDSCAP Cameroon Project, Yaoundé, Cameroon.
Responsible for developing and pre-testing IEC materials and training. This project was funded by USAID and monitored by Family Health International.
- 1994-1997 Assistant Study Coordinator for a Phase III randomized controlled trial aiming to assess the effect of nonoxynol-9 film use on male-to-female transmission of HIV. This study was sponsored by Family Health International. Primary responsibilities included assisting the Study Coordinator in the monitoring of study implementation, personnel management, management of study logistics, budgeting and preparation of financial reports, and supervision of data processing unit.
- 1994 Evaluation Consultant, FHI/AIDSCAP Cameroon Project, Yaoundé, Cameroon.
Assisted with KABP and serological survey to assess the impact of the project with STI/HIV/AIDS prevention project among sex workers in Yaoundé. This project was funded by USAID and monitored by Family Health International.
- 1993-1994 Volunteer as IEC Chief or Party, Sidalerte, Yaoundé, Cameroon.
Responsible for Coordination of IEC activities for a local NGO which specializes in STI/HIV/AIDS Education and Prevention. Responsibilities included training, developing IEC materials. This program was funded by the French Cooperation in Cameroon.
- 1992 Evaluation Consultant, FHI/AIDSCAP Cameroon Project, Yaoundé, Cameroon.
Assisted with KABP and serological survey of STI/HIV/AIDS activities among sex workers and their clients and the general population. This project was funded by USAID and monitored by Family Health International.
- 1991-1992 Consultant, OCEAC, Yaoundé, Cameroon. Assisted with Family Health International funded KABP and serological survey among personnel in enterprises and clients of sex workers.

OTHER PROFESSIONAL TRAINING:

- 2005 Applied Good Clinical Practice Endorsed by The South African Clinical Research Association (SACRA).
- 2003 Human Subjects Research Education Training at Johns Hopkins School of Hygiene and Public Health, Baltimore, USA.
- 1999 Clinical Research Coordinator Training at Barnett International Center in Philadelphia PA, USA with funds from Family Health International.
- 1993 IEC (Information-Education-Communication) training of trainers workshop; Obala Cameroon.
- 1993 Training Course in Epidemiology and epidemiologic software (Epi Info). OCEAC, Cameroon.

PUBLICATIONS AND PRESENTATIONS.

Nathan D. Wolfe¹, Walid Heneine², Jean K. Carr³, Albert D. Garcia², Vedapuri Shanmugam², **Ubaldo Tamoufe**^{1,4} Judith N. Torimiro¹, A. Tassy Prosser¹, Matthew LeBreton¹, Eitel Mpoudi-Ngole⁴, Francine E. McCutchan^{1,3}, Deborah L. Birx⁵, Thomas M. Folks², Donald S. Burke¹, William M. Switzer². *Emergence of primate T-lymphotropic viruses among central African bushmeat hunters. The National Academy of Sciences (PNAS). May 2, 2005.* www.pnas.org/cgi/doi/10.1073/pnas.0501734102

Nathan D. Wolfe¹, Walid Heneine², Amanda Tiffany², Albert D. Garcia², Anthony Wright², Jean K. Carr³, **Ubaldo Tamoufe**^{1,4}, Judith N. Torimiro¹, A. Tassy Prosser¹, Matthew LeBreton¹, Eitel Mpoudi-Ngole⁴, Francine E. McCutchan^{1,3}, Deborah L. Birx⁵, Thomas M. Folks², Donald S. Burke¹, William M. Switzer². *Identification of a novel simian foamy virus infection in a central African hunter originating from a mona monkey (Cercopithecus mona). 12th International Conference on Human Retrovirology. 2005.*

Emelita L. Wong, Ronald E. Roddy, Heidi Tucker, **Ubaldo Tamoufe**, Kelley Ryan, and Falimatou Ngampoua. *Use of male condoms during and after randomization controlled trial participation in Cameroon. The American Sexually Transmitted Diseases Association. May 2005, Vol.32, No.5, p.300-307.*

Nathan D Wolfe, William M Switzer, Jean K Carr, Vinod B Bhullar, Vedapuri Shanmugam, **Ubaldo Tamoufe**, A Tassy Prosser, Judith N Torimiro, Anthony Wright, Eitel Mpoudi-Ngole, Francine E McCutchan, Deborah L Birx, Thomas M Folks, Donald S Burke, Walid Heneine. *Naturally acquired simian retrovirus infections in central African hunters. THE LANCET. Vol 363. March 20, 2004. www.thelancet.com* also see commentary: 363:911-912; and letters: 364:137-140).

Wolfe ND, WM Switzer, JK Carr, VB Bhullar, V Shanmugam, **U Tamoufe**, AT Prosser, JN Torimiro, A Wright, E Mpoudi-Ngole, FE McCutchan, DL Birx, TM Folks, DS Burke, W Heneine (2004). *Naturally acquired simian retrovirus infections among Central African Hunters.*

Wolfe ND, AT Prosser, JK Carr, U Tamoufe, E Mpoudi-Ngole, JN Torimiro, M LeBreton, FE McCutchan, DL Birx, DS Burke (2004). *Nonhuman primate exposure, Cameroon.* Emerging Infectious Disease [serial on the internet] 2004 Dec [date cited]. http://www.cdc.gov/ncidod/EID/vol_10no_12/04-0062.htm.

Torimiro J, J Carr, ND Wolfe, P Karachi, B Kim, E Mpoudi-Ngole, **U Tamoufe**, D Birx, D Burke, M Carrington (2004). *Population genetics of rural rainforest inhabitants in Cameroon with high HIV-1 genetic diversity.* Eleventh Conference on Retroviruses and Opportunistic Infections.

Wolfe ND, WM Switzer, JK Carr, VB Bhullar, V Shanmugam, **U Tamoufe**, AT Prosser, JN Torimiro, A Wright, E Mpoudi-Ngole, FE McCutchan, DL Birx, TM Folks, DS Burke, W Heneine (2004). *Naturally acquired retrovirus infections from gorilla (Gorilla gorilla), mandrill (Mandrillus sphinx), and De Brazza's guenon (Cercopithecus neglectus) among central African hunters.* African Great Apes: Evolution, Diversity and Conservation.

Torimiro JN, D Netski, Q Mao, ND Wolfe, C Djoko, E Mpoudi-Ngole, H Farzadegan, **U Tamoufe**, D Birx, FE McCutchan, DS Burke, JK Carr, SC Ray (2005). *Genetic epidemiology of HCV in rural populations in Southern Cameroon.* Twelfth Conference on Retroviruses & Opportunistic Infections.

Emelita L. Wong, Ronald E. Roddy, and Heidi O. Toms, **Ubaldo Tamoufé**, Kelley Ryan, Falimatou Ngampoua *Condom Use During and After Randomized Controlled Trial Participation in Cameroon. October 2003.* Journal : BMC Public Health. WWW.biomedcentral.com/9486194362505136_article.pdf

Carr JK, ND Wolfe, J Torimiro, E Mpoudi-Ngole, **U Tamoufe**, D Burke, D Birx, F McCutchan (2003). *A unified vaccine strategy for West and West Central Africa.* Keystone Symposium: HIV Vaccine Development: Immunological and Biological Challenges(X1). Wolfe ND, WM Switzer, JK Carr, VB Bhullar, V Shanmugam, **U Tamoufe**, AT Prosser, JN Torimiro, E Mpoudi-Ngole, FE McCutchan, D Birx, TM Folks, DS Burke, W Heneine (2003). *Naturally acquired Simian Foamy Virus (SFV) infection among Central African Hunters.* Eleventh International Conference on Human Retrovirology.

Wolfe ND, JK Carr, AT Prosser, E Mpoudi-Ngole, **U Tamoufe**, JN Torimiro, FE McCutchan, DL Birx, DS Burke (2002) *High-level exposure to nonhuman primates in rural hunting villages in Cameroon. Ninth International AIDS Conference.* Wolfe ND, AT Prosser, E Mpoudi-Ngole, U Tamoufe, JK Carr, JN Torimiro, FE McCutchan DL Birx, DS Burke (2002). *Exposure to nonhuman primates in rural Cameroon. Healthy Ecosystems Healthy people Conference.*

Ronald Roddy, Zekeng L, Kelley Ryan, **Tamoufe U**, Kathryn Tweedy. *Effect of nonoxynol-9 gel on urogenital gonorrhoea and chlamydia infection.* A randomized controlled trial . American Medical Association. March 6, 2002. Vol 287, No.9 .

Ryan KA, Roddy RE, Zekeng L, Weir SS, **Tamoufe U**. *Characteristics associated with prevalent HIV infection among a cohort of sex workers in Cameroon. Sexually Transmitted Infections*; 74(2); April 1998.

Ryan KA, Roddy RE, Zekeng L, **Tamoufe U**, Weir SS, Wong EL. *A randomized controlled trial of the effect of nonoxynol-9 film use on male-to-female transmission of STD*. The New England Journal of Medicine, vol 339, Number 8, August 1998.

Tamoufe U, Roddy RE, Ryan KA, Zekeng L. *Prevalence of HIV infection among Sex workers in Cameroon*. Poster presented at the XIth International Conference on AIDS, Vancouver, July 1996.

Tamoufe U. *Impact of two methods of sensitization of youths in school: conference method and educational talks method*. Xth International Conference on AIDS, Yokohama, July 1994.

Tamoufe U. *Techniques of sensitization of youths in school on STD/AIDS*. VIIIth International Conference on AIDS in Africa, Marrakech, December 1993.

MAIN RESEARCH AND PREVENTION PROGRAMS COORDINATED

Title: “Prevalence, Incidence and Diversity of HIV-1 among Armed Forces, Plantation and Rural Village populations in Cameroon”.

Date: 9/2005-9/2009

Sponsoring Agency: US Walter Reed Army Institute of Research

Principal Investigator: ND Wolfe

Main Grant Objective: To estimate HIV-1 incidence in volunteer cohorts in different populations in Cameroon and to study feasibility of future vaccine trials.

Principal Responsibilities of Individual: Protocol Coordinator

Title: “Emergence of HIV Genetic Diversity in Cameroon”, International Research Scientist Development Award (1 K01 TW00003-01)

Date: 8/1999-9/2003 (competitive renewal to 2006 with award of tenure-track position)

Sponsoring Agency: National Institutes of Health (NIH), Fogarty International Center (FIC)

Principal Investigator: ND Wolfe

Main Grant Objective: To investigate a potentially crucial natural mechanism for the introduction of novel HIV genetic diversity into the human population

Principal Responsibilities of Individual: Study Coordinator

Title: “Improving Surveillance and Prevention of STI/HIV/AIDS among Armed Forces and Police Personnel in three Central African Countries: Congo Brazzaville, Gabon, and Chad”

Date: 12/2002-11/2003 and extension to 2006 including DRC, Sao Tome, and EG, and continuation in Cameroon.

Sponsoring Agency: Naval Health Research Center and Geo-Centers

Principal Investigator: ND Wolfe

Main Grant Objective: To conduct surveillance and prevention of HIV among armed forces personnel in four Central African Countries

Principal Responsibilities of Individual: Study Coordinator.

Title: “Observational Probe Study of In Vitro Immune Response Parameters to the Candidate HIV-1 Vaccine Antigens among Subjects from Brazil, Thailand, South Africa, Malawi, Botswana and Cameroon”

Date: 7/2002-6/2003

Sponsoring Agency: Merck Research Laboratories

Principal Investigator: DS Burke

Main Grant Objective: To examine cross-reactivity of HIV strains prevalent in Cameroon with candidate HIV vaccines

Principal Responsibilities: Study Coordinator.

Title: “Molecular Epidemiology of HIV-1 and Related Viruses in Rural Human Populations in African Rain Forest”

Date: 2/2000-1/2003

Sponsoring Agency: U.S. Military HIV Research Program

Principal Investigator: D.S. Burke

Main Grant Objective: To investigate the distribution of viral genetic diversity of retroviruses and other viruses in relation to nonhuman primate exposure, travel and geography in Cameroon

Principal Responsibilities: Study Coordinator.

Title: "Prevention of HIV/AIDS and STIs among the Cameroon Uniformed Services"

Date: 11/2001-12/2002

Sponsoring Agency: Naval Health Research Center

Principal Investigator: ND Wolfe

Main Grant Objective: To conduct surveillance and prevention of HIV among armed forces personnel in Cameroon

Principal Responsibilities: Study Coordinator.

Title: "Limitations to Measles Vaccine Delivery in Cameroon"

Date: 9/2000-8/2003

Sponsoring Agency: Gates Foundation

Principal Investigator: DS Burke

Main Grant Objective: Evaluate in parallel three promising new approaches to measles immunization in order to identify the one with the best chance for immunizing young infants while they still have maternal antibody **Principal**

Responsibilities: Program Officer, responsible for overseeing in-country Cameroon field activities

Title: Randomized controlled trial of Nonoxynol-9 gel (Conceptrol).

Date: 10/1997-12/1999

Principal Investigator: Ronald Roddy, Family Health International, USA.

Main Grant Objective: To assess the effect of nonoxynol-9 gel (Conceptrol) use on male-to-female transmission of Gonorrhea and Chlamydia infection among women at high risk in Yaoundé-Cameroon

Principal Responsibilities: Study Coordinator.

Title: Randomized controlled trial of Nonoxynol-9 film.

Date: 9/1994-12/1997

Principal Investigator: Ronald Roddy, Family Health International, USA.

Main Grant Objective: To assess the effect of nonoxynol-9 film use on male-to-female transmission of HIV.

Principal Responsibilities: Assistant Study Coordinator.