

# CURRICULUM VITAE

**TCHAMEN DJIAPPI Borel**

**PhD student. Parasitology § Medical Entomology**

Department of Animal Biology, Faculty of Science

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## PERSONAL INFORMATION

Cameroonian, born on September, 11<sup>th</sup> 1995, in Manjo, Cameroon, Male, single without children.

## PROFESSIONAL SUMMARY

I am a self-motivated and hardworking student researcher with notable experience in parasitology/medical entomology. I have sound experience in research for *Culex* mosquitoes control gained during my MSc work with the Organization of Coordination and Cooperation for the fight against the Great Endemics in Central Africa (OCEAC), Cameroon. To date I am a PhD student in the area of *Aedes* vector control and I am interested in the future to join a research group where I can learn, innovate, contribute and improve.

## EDUCATION

**2018:** Master II in Medical entomology, University of Dschang/OCEAC, Cameroon

**2016:** Master I in Parasitology, University of Dschang, Cameroon

**2015:** Bachelor of Science in (Zoology) Animal Biology, University of Dschang, Cameroon

**2012:** GCE/A Level in Natural Science and Mathematics, Government High School of Manengouba, Nkongsamba, Cameroon

## TECHNICAL AND SCIENTIFIC SKILLS

- Larval inspection technics, mosquitoes (*Aedes*, *Culex* and *Anopheles* genus) rearing
- Morphological identification of *Aedes* and *Culex* mosquitoes species
- Characterization of mosquitoes larvals breeding sites
- Insecticides susceptibilities test
- Test of oviposition behavior according color, organics pollutants in BS 1 Insectary

- DNA extraction, PCR and genetic diversity studies of mosquitoes

## THESIS WORKS

**Tchamen, D.B** (2018). "Bio-ecology and distribution of the *Culex* (Diptera : Culicidae) genus mosquitoes in 06 clusters of Yaoundé city, Cameroon" 72 p. **Master's degree study**, Department of Animal Biology, University of Dschang, Cameroon.

**Tchamen, D.B.** "Bio-ecology and control of dengue and chikungunya vectors in the city of Yaoundé", Cameroon. **PhD study**, Department of Animal Biology, University of Dschang, Cameroon.

## PUBLICATIONS

### JOURNAL ARTICLES:

1. Elysee Nchoutpouen, Abdou Talipouo, **Borel Djiappi-Tchamen**, Landre DjamoukoDjonkam, Edmond Kopya, Carmene Sandra Ngadjeu, Patricia Doumbe-Belisse, Parfait Awono-Ambene, Sevilor Kekeunou, Charles Sinclair Wondji, Christophe Antonio-Nkondjio (2019). *Culex* species diversity, susceptibility to insecticides and role as potential vector of Lymphatic filariasis in the city of Yaoundé, Cameroon. *Plos Neglected Tropical Diseases*, 13(4): e0007229.
2. Mayi Marie Paul Audrey, Bamou Roland, **Djiappi-Tchamen Borel**, Djojo-Tachegoum Carelle, Albin Fontaine, Antonio-Nkondjio Christophe, Tchuinkam Timoleon (2019). A mosquito survey along a transect of urbanization in Dschang, West Region of Cameroon reveals potential risk of arbovirus spillovers. (Preprint)
3. Mayi Marie Paul Audrey, Bamou Roland, **Djiappi-Tchamen Borel**, Albin Fontaine, Antonio-Nkondjio Christophe, Tchuinkam Timoleon (2020). Urbanization and seasonality affect mosquito community composition in the West Region of Cameroon. *Insects*, 11 (312) :doi:10.3390/insects11050312
4. Diane Leslie Nkahe, Kopya Edmond, **Djiappi-Tchamen Borel**, Wilson Toussile, Sévilor Kekeunou, Awono-Ambene Parfait, Wondji Charles S, Antonio-Nkondjio Christophe (2020). Fitness cost of insecticide resistance on the life-traits of a *Anopheles coluzzii* population from the city of Yaoundé, Cameroon. *Wellcome Open research*. 5 : 171
5. **Borel Djiappi-Tchamen**, Elysee Nchoutpouen, Abdou Talipouo, Diane Nkahe, Edmond Kopya, Parfait Awono-Ambene, Timoleon Tchuinkam, Charles Sinclair

Wondji, Christophe Antonio-Nkondjio (2021). Oviposition behavior of *Culex quinquefasciatus* and *Anopheles coluzzii* females according to the ovitrap color and presence of fertilizer in breeding sites. *Fortune Journal Health science*. 4 (1): 207-220

## COMMUNICATION IN CONFERENCES:

**1- Djiappi-Tchamen B.**, Nchoutpouen E., Talipouo A., Tchuinkam T., Awono-Ambene P., Bamou R., Djamouko-Djonkam L., Kopya E., Wondji C.S., Antonio-Nkondjio C (2018). Bio-ecology and distribution of the *Culex* (Diptera : Culicidae) genus mosquitoes in the city of Yaoundé, Cameroon. 6<sup>th</sup> conference of **CAFOBIOS**, Dchang, Cameroon, August 08-10 2018 (**oral presentation**).

**2- Djiappi-Tchamen B.**, Talipouo A., Nchoutpouen E., NKahe D., Kopya E., Awono-Ambene P., Tchuinkam T., Wondji C.S., Antonio-Nkondjio C (2019). Influence of color and presence of organic pollutants on the oviposition behavior and susceptibility status to deltamethrin of *Culex quinquefasciatus* and *Anopheles gambiae* sl. 6<sup>th</sup> **PAMCA** conference, Yaoundé, Cameroon, September 23-25 2019 (**poster presentation**).

## SCIENTIFIC ACTIVITIES :

### PARTICIPATION IN SCIENTIFIC MEETINGS:

**1.** Sixth conference of the Cameroon Forum of Biological Sciences (**CAFOBIOS**), ``Life science, new technology and multiculturalism``, Dschang, Cameroon, 8-10th August 2018 (**oral presentation**).

**2.** First conference of the **PAMCA Cameroon** association. ``Effort toward elimination of vectors born diseases``. Yaoundé, Cameroon, 11th January 2018 (**participant**).

**3.** Sixth Annual conference of the **PAMCA Africa** association. ``Strengthening the surveillance of vectors control program``. Yaoundé, Cameroon, 23-25 September 2019 (**Poster presentation**).

### WORKSHOPS AND TRAINING COURSES:

- ✓ 22-28th August 2018. Workshop on "R" software for data analysis, OCEAC, Yaoundé, Cameroon. (**Ref:** Dr Antonio Nkondjio)

- ✓ 01-05<sup>th</sup> October 2018. Benevolent participant at the training on “entomological monitoring in the American project Vectorlink” in Yaoundé, Cameroon. (**Ref:** Dr Etienne Fondjo)
- ✓ 20-22<sup>th</sup> September 2019. “Gene drive workshop” PAMCA pre-conference course. Novel genetic vector control strategies: consideration for responsible research” in Yaoundé, Cameroon. (**Ref:** Dr Antonio Nkondjio)
- ✓ I learned and finish the online course “Global challenge of vector borne diseases and how to control them” by London School of Hygiene & Tropical Medicine, October 2020

### **GRANTS, HONORS AND AWARDS:**

**1. Grants** on: Insecticide resistance in *Aedes* mosquito populations from Cameroon. Financed by **Infravec2**, Supported by Horizon **2020** Programme Grant Agreement No 731060.

### **EXTRA-ACADEMIC STUDIES**

**1-** Entomological surveillance of *Anopheles* mosquitoes distribution in the locality of Bonabéri (littoral region), Cameroon (American project Vectorlink) from 14-19 June 2019

**2-** Entomological sampling and characterization of *Aedes* mosquitoes breeding site in the locality of Okola et Luma (Centre region), Cameroon (Ministry of public health/National program of Yellow fever surveillance) from 2-10 September 2019

**3-** Entomological surveillance of *Anopheles* mosquitoes distribution in the locality of Nyabessang (South region), Cameroon (American project Vectorlink) from 22-27 August 2020

**4-** Entomological surveillance of *Anopheles* mosquitoes distribution in the locality of Simatou (North region), Cameroon (American project Vectorlink) from 22 September to 1 October 2020

**5-** Entomological surveillance of *Anopheles* mosquitoes distribution in the locality of Simatou (North region), Cameroon (American project Vectorlink) from 27 October to 03 November 2020

**6-** Entomological surveillance of *Anopheles* mosquitoes distribution in the locality of Simatou (North region), Cameroon (American project Vectorlink) from 24 November to 1 December 2020

## MEMBERSHIP OF SCIENTIFIC ORGANIZATIONS:

**1-Member, PAMCA** (Panafrican Mosquito Control Association) **2019, 2020**

## COMPUTER SKILLS:

Good command of Microsoft Windows software (Word, Excel, PowerPoint, Internet browsers, google chrome, Mozilla Firefox...), statistic software R.

## LANGUAGE:

Language	Speak	Read	Write
Mother's tongue	C		
French	A	A	A
English	B	A	A

## INTERESTS:

Scientific group discussion, ecology and climate change, reading, sport (athletic, football), watching television.

## REFEREES:

**Prof. Tchuinkam Timoléon (PhD):** MSc and PhD Supervisor and Coordinator, University of Dschang, Cameroon. Tel: +237 699538398, Email: [timotchuinkam@yahoo.fr](mailto:timotchuinkam@yahoo.fr), [timotchuinkam@gmail.com](mailto:timotchuinkam@gmail.com)

**Dr. Antonio-nkondjio Christophe (PhD/HDR):** MSc and PhD Supervisor and Coordinator, Researcher in OCEAC and Principal Investigator of the "from Wellcome Trust senior Fellowship in Public Health and Tropical Medicine (202687/Z/16/Z)", Yaoundé, Cameroon. Tel: +237 699538656, Email: [antonio\\_nk@yahoo.fr](mailto:antonio_nk@yahoo.fr)

**Dr. AWONO Parfait (PhD):** Head of Research Department in OCEAC, Yaoundé, Cameroon. Tel: +237 699836111, Email: [hpaawono@yahoo.fr](mailto:hpaawono@yahoo.fr)

**Mr. Toto Jean Claude:** Technician in OCEAC, Yaoundé, Cameroon. Tel: +237 699536327, Email: [jctoto@yahoo.fr](mailto:jctoto@yahoo.fr)

***I certify that all the informations mentioned in this CV are accurate and complete to the best of my knowledge.***

***Authorize anyone to verify the information provided.***

**Place:** Yaoundé, Cameroon

**Date:** 27 January 2021.