

Jacques Zola-Sahossi

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# CURRICULUM VITAE

*Date of Birth: April 21, 1985*

*Place of Birth: Sô-Tchanhoué, Benin*

*Citizenship: Beninese*

## EDUCATION

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- 09/2018-9/2019 Specialized Master's Degree in Public Health, Université Libre de Bruxelles, Belgium  
» Study emphasis: Public Health Methodology  
» Master's thesis:  
Factors influencing the gestational age and the risk of prematurity in a rural area in Burkina-Faso, West Africa: cross-sectional analysis of a 2003-2004 birth cohort data.
- 01/2011-12/2013 Master Science in Medical, Veterinary Entomology, University of Abomey-Calavi, Benin  
» Study emphases: Vector control  
» Master's thesis:  
Experimental huts evaluation of the impact of successive washes upon the effectiveness of three brands of long-lasting insecticidal nets in an area where *Anopheles gambiae* sl. is highly resistant to pyrethroids, Akron, southern Benin, West Africa
- 10/2007-07/2009 Master's Degree in Natural Sciences (High School Diploma + 4 years study) University of Abomey-Calavi, Benin  
» Study emphases: Physiology
- 10/2006-06/2007 Bachelor's Degree in Natural Sciences University of Abomey-Calavi, Benin  
» Study emphases: Physiology
- 12/2003-09/2006 Undergraduate Degree in Science Studies, University of Abomey-Calavi, Benin  
» Study emphases: Chemistry, Biology, Geology
- 07/2003 General Certificate of Secondary Education: Mathematics, Physics-Chemistry, Biology

## POSITIONS AND RESPONSABILITIES

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- 10/2019 to date Research Assistant at the Centre de Recherche Entomologique de Cotonou / Laboratoire des fièvres hémorragiques et virales (CREC/LFHV Ministry of Health, Benin)  
- Reception and labeling of SARS-Cov-2 swab samples and inactivation of mRNA in SARS-Cov-2 swabs  
- Keeping records of SARS-Cov-2 swabs  
- Reception, inactivation, and PCR on blood samples from a cohort study participants  
- Assisting in research activities

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## POSITIONS AND RESPONSABILITIES

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08/2014-09/2018 Research Assistant level 1/CREC/London School of Hygiene and Tropical Medicine Collaborative Research program (Ministry of Health, Benin)  
- Job description: under the supervision of the head of CREC/LSHTM laboratory, laboratory activities performance, field site activities supervision; raw data collection and processing; management and storage of chemicals; study and data management...

## PUBLICATIONS

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- Efficacy of a novel mode of action of an indoor residual spraying product, SumiShield® 50WG against susceptible and resistant populations of *Anopheles gambiae* (s.l.) in Benin, West Africa (Parasites & Vectors (2018) 11:293 <https://doi.org/10.1186/s13071-018-2869-6>)
- Level of overexpression of metabolic enzymes (oxidase, esterases, and glutathion S-transferase) involved in the resistance of vectors to insecticides in Benin. (International Journal of Innovation and Applied Studies ISSN 2028-9324 Vol. 17 No. 2 Jul. 2016, pp. 662- 671)
- Laboratory and fields' evaluation of the impact of washings on the effectiveness of LifeNet®, Olyset® and PermaNet® 2.0 in two areas, where there is a high level of resistance of *Anopheles gambiae* to pyrethroids, Benin, West Africa (*Malaria Journal* 2014, 13:193 doi: 10.1186/1475-2875-13-193)
- Seasonal distribution of *Aedes aegypti* in southern Benin: a risk of dengue virus transmission to urban populations (*International Journal of Innovation and Applied Studies* ISSN 2028-9324 Vol. 9 No. 2 Nov. 2014, pp. 648-654)

## DATA PROCESSING

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- STATA
- Beginner skills in R
- Beginner skills in disease mapping and multilevel analysis methods

## LANGUAGES

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- Fon (Native)
- French (Excellent)
- English (Good command, current TOEFL scores: 81 & 79)

*I certify as accurate the information above-provided*

Completed on April 23, 2023

