

Dr Aviane AUGUSTE



TRAINING & EDUCATION

2016-2019 Doctorate in Epidemiology: Epidemiology of Head and neck cancer in the French West Indies
University of Rennes 1: Doctoral school Biology-Health (ED BS), (Rennes, France)

2018 (4 weeks): Principles and Practice of Cancer Prevention and Control
National Cancer Institute (NCI) of the USA, Washington D.C, (MD, USA)

2017 (5 days): Genetic epidemiology and Aetiological epidemiology
European Educational Program in Epidemiology (EEPE), (Florence, Italy)

2015-2016 Second year of Masters (MPH) in Epidemiology, clinical research and evaluation. (Inter-regional Masters)
University of Burgundy: Public health school (Dijon, France)

2014-2015 First year of Masters in Public Health
Bordeaux School of public health (Bordeaux, France)

2011-2014 Bachelor's degree (BSc)-Biochemistry and Biology: specialty in health science
Université des Antilles et de la Guyane ; Département Scientifique Inter-facultaire (Martinique, W.I)

RESEARCH EXPERIENCE

1st March 2022– Present: Gustave Roussy (Comprehensive cancer centre), Inserm UMR 1018.

Post-doctoral scientist, Supervisor: Dr Marina Kvaskoff

- Comorbidities and cancer risk/survival in the E3N cohort

1st April 2020– February 2022: Guadeloupe Cancer registry, University Hospital of Guadeloupe (CHUG), Pointe-à-Pitre, Guadeloupe

Post-doctoral scientist, Supervisor: Prof. Jacqueline Deloumeaux

- Analysis and publication of studies deriving data from the cancer registry

2016-2020 (3.5 y): French National Institute for Health and Medical Research (INSERM): Unit 1085 – Irset
(Research Institute for Environmental and Occupational Health), (Guadeloupe, W.I):

PhD Candidate, Supervisor: Dr Danièle LUCE

- PhD thesis defended on 2nd December 2019 : “Head and Neck Cancer Epidemiology in the French West Indies: Behavioural, viral and environmental factors”

Internships (Bachelors and Masters)

2016 (9 months): Gynaecological cancer registry of Côte d'Or, Centre George François LeClerc (Dijon, France)

2015 (2 months): Martinique cancer registry, University hospital of Martinique (Martinique, W.I)

2014 (1 month): Case Western Reserve University, Natural products lab, Dept. of chemistry (Ohio, USA)

TEACHING OF EPIDEMIOLOGY

May- July 2021: Adjunct professor at the Sir Arthur Lewis Community College (Saint Lucia, W.I):

- First year Bachelors in general nursing programme (47 students enrolled), 21 hours

Sept 2017- Present: Part-time lecturer at *Université des Antilles* (Guadeloupe, W.I):

- Second year Masters in Biology and health (on average 20 students enrolled), 21 hours
- Served as primary examiner and panel member to evaluate Masters dissertations

SUPERVISION EXPERIENCE

- Supervision of clinical research technicians: University Hospital of Guadeloupe, 2021-Present
- Co-supervisor: Doctoral thesis in occupational medicine: *Université des Antilles*, 2020-2021
- Final year Masters dissertation: Two students of Biology and health: *Université des Antilles*, 2018-Present
- Supervisor: Three undergraduate research projects: *Université des Antilles*, 2020-Present

PROJECT MANAGEMENT EXPERIENCE

GESSICA project: Dept. clinical research & innovation, University Hospital of Guadeloupe, April 2020-Present

- Ensure smooth logistics and operations of work packages
- Assist in technical and regulatory procedures.
- Engage project stakeholder, facilitate meetings and exchanges

AWARDS & PROFESSIONAL MEMBERSHIP

Cancer and addiction award: Best scientific abstract in the cancer category for the 2021 ALBATROS/WADD congress on addictions and dual disorders. Prize sponsored by the company “Roche” (\$2084.74 USD).

Young investigator grant 2021: Coordinator of a 2-year cohort [study](#) on tobacco and alcohol abuse (\$117k USD), French National Cancer Institute (INCa)

Grant 2018: Principal investigator of [pilot survey](#) on cancer health services in Saint Lucia. (\$7200 USD). Organisation of Eastern Caribbean States (OECS), Saint Lucia,

Junior investigator travel award 2018: attend the 15th Annual INHANCE Meeting in Milan (\$1400 USD), NCI

Fellowship 2018: Course: Principles and Practice of Cancer Prevention and Control (\$1200 USD). NCI (USA)

Scholarship 2011: Undergraduate studies in Martinique and travel grant for research support to Ohio for one month, USA (\$720 USD for 36 months), (Foreign affairs ministry, French government)

2017-Present: Member and co-leader of the HNC working group, **African-Caribbean Cancer Consortium (AC3)**

RELAVANT SKILLS

Domain	Skill	BEG	MOD	ADV
Communication and management	Project coordination, Negotiation, Report writing			X
	Research Capacity Building and Management in low-resource settings			X
	Grant writing (NIH, European Union etc.)			X
Scientific methodology	Generalised linear regression models, Inferential statistics, Epidemiology study design			X
	Assessment of biological and statistical interactions, Multiple imputations, population attributable fractions.			X
	Relative survival analysis and Cox regression model			X
	Factorial analysis (PCA, AFC), Mixed effects models, clinical research methodology		X	
	Qualitative research, systematic reviews and meta-analysis		X	
Software and programming	Population genetics study design, Non-linear modeling (spline functions), Bayesian statistics	X		
	SAS software and macro-language			X
	R software and STATA		X	
	Plink for analysis of GWAS data and bioinformatics tools	X		
Languages	Java Script, VBA macro, MS Access, Epi-Info		X	
	Bilingual: English (Native) and French			X
	Spanish (professional competencies, read and write: B1 level)		X	

SCIENTIFIC PUBLICATIONS (n=12)

1. **Auguste A**, Cox S, Oliver JS, Phillip D, Gabriel O, Catherine JS, Radix C, Luce D, Barul C. Cancer Survivors in Saint Lucia Deeply Value Social Support: Considerations for Cancer Control in Under-Resourced Communities. *International Journal of Environmental Research and Public Health*. 2022; 19(11):6531. <https://doi.org/10.3390/ijerph19116531>
2. **Auguste A**, Samuel Gathere Paulo Pinheiro, Clement Adebamowo. et al. Heterogeneity in head and neck Cancer incidence among black populations from Africa, the Caribbean and the USA: Analysis of Cancer registry data by the AC3 (*Accepted, in production*)
3. **Auguste A**, Joachim C, Deloumeaux J, et al (2021) Head and neck cancer risk factors in the French West Indies. *BMC Cancer* 21:1071. <https://doi.org/10.1186/s12885-021-08787-4>
4. Palmeri V, Le Turdu-Chicot C, Garin B, **Auguste A** et al (2021) Seroprevalence of SARS-CoV-2 IgG antibodies among workers in the University Hospital of Guadeloupe. *Clin Ter* 172:461–466. <https://doi.org/10.7417/CT.2021.2359>
5. **Auguste, A.**; Jones, G.; Phillip, D.; St. Catherine, J.; Dos Santos, E.; Gabriel, O.; Radix, C. Difficulties in Accessing Cancer Care in a Small Island State: A Community-Based Pilot Study of Cancer Survivors in Saint Lucia. *Int. J. Environ. Res. Public Health* 2021, 18, 4770. <https://doi.org/10.3390/ijerph18094770>
6. Gaete S, **Auguste A**, Bhakkan B, Peruvien J, Herrmann-Storck C, Socrier Y, et al. Frequent high-risk HPV co-infections excluding types 16 or 18 in cervical neoplasia in Guadeloupe. *BMC Cancer*. 16 mars 2021;21(1):281.

7. Cabréra L, **Auguste A**, Michineau L, et al (2020) Facteurs de risque professionnels et environnementaux des cancers du poumon aux Antilles françaises. *Med Sci (Paris)* 36:11–15. <https://doi.org/10.1051/medsci/2020175>
8. **Auguste A**, Deloumeaux J, Joachim C, et al (2020) Joint effect of tobacco, alcohol, and oral HPV infection on head and neck cancer risk in the French West Indies. *Cancer Medicine* 9:6854–6863. <https://doi.org/10.1002/cam4.3327>
9. Barul C, Matrat M, **Auguste A**, et al (2020) Welding and the risk of head and neck cancer: the ICARE study. *Occup Environ Med* 77:293–300. <https://doi.org/10.1136/oemed-2019-106080>
10. **Auguste A**, Julien Dugas, Christine Barul, Jean-Baptiste Richard, Gwenn Menvielle, Danièle Luce, Social distribution of tobacco smoking, alcohol drinking and obesity in the French west indies. *BMC Public Health* 19, 1424 (2019) doi:10.1186/s12889-019-7802-1
11. **Auguste, A.**, Gaëte, S., Herrmann-Storck, C. et al. , Prevalence of oral HPV infection among healthy individuals and head and neck cancer cases in the French West Indies *Cancer Causes Control* (2017) 28: 1333 .
12. **Auguste A**, Cortet M, Dabakuyo-Yonli TS, Launay L, Arnould L, Desmoulins I, et al. (2017) Breast cancer subtype of French women is not influenced by socioeconomic status: A population-based-study. *PLoS ONE* 12(2)

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SUBMITTED MANUSCRIPTS

13. **Auguste A**, Gaete S, Michineau L et al. , Association between sexual behaviour and head and neck cancer in the French West Indies (*Submitted for publication*)
14. Deloumeaux J, **Auguste A**, Bhakkan B et al. Haematological cancers in Guadeloupe, French Guiana and Martinique (2007-2014): data from French population-based cancer registries. (*Submitted for publication*)
15. Parsemain A, **Auguste A**, Bhakkan B et al, HPV status and clinicopathological features of oropharyngeal and oral cavity cancer patients from the University hospital of Guadeloupe. (*Submitted for publication*)

OTHER EMPLOYMENT

2019 (3 months): Consultant epidemiologist, Organisation of Eastern Caribbean States (OECS) (Saint Lucia, W.I)

2017 (5 months): Statistician French National Agency of Public Health (*Santé publique France*) (Dijon)

and at Burgundy Emergency Medicine Network (*Réseaux Urgences Bourgogne*) (Chalon-sur-Saône, France)

2012 (1 month): Laboratory Assistant Ezra Long Laboratory, Victoria hospital (Saint Lucia, W.I);

LEISURE

- **Sports:** Volleyball- club and former national player (junior level, 2008-2011), volleyball coach (certified by the FIVB, level 1).
- **Leisure:** Reading motivational books, modern languages, travelling
- **Associative life:** Vice-president of the association Au-delà de l'horizon (promoting cultural exchanges between English and French Caribbean), Volunteer in a French anti-HIV association (AIDES),
- **Other certification:** European drivers licence (vehicles class AM/B1/B), the certificate in IT and internet (C2i), DALF C1 (French proficiency).

REFEREE

Dr Danièle Luce: Senior Scientist, INSERM (Guadeloupe): danièle.luce@inserm.fr

Dr Camille Ragin: Professor, Fox Chase Cancer Centre, Temple University (PN, USA): camille.ragin@fccc.edu