

**MASTERS / PHD / POSTDOCTORAL FELLOW / RESEARCH ASSOCIATE
BIOGRAPHICAL SKETCH**

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NAME OF GRADUATE STUDENT APPLICANT ONUZULU, Chinonye Doris	POSITION TITLE Master's student
eRA COMMONS USER NAME (credential, e.g., agency login)	

EDUCATION/TRAINING:

INSTITUTION AND LOCATION	DEGREE (if applicable)	MM/YY	FIELD OF STUDY
University of Manitoba	MSc In progress	09/19	Biochemistry and Medical Genetics
Covenant University, Nigeria	MSc	09/17-07/19	Biochemistry
Covenant University, Nigeria	BSc	09/11-06/15	Biochemistry

A. Personal Statement

I am currently investigating the effects of maternal cigarette smoke exposure on DNA methylation patterns in exposed mouse offspring. I am especially interested in finding out mechanisms of biological embedding of maternal smoking which lead to the development of childhood and adult-onset diseases like asthma. It is important to understand how prenatal CS causes these diseases and the role DNA methylation plays in this process because only then can we develop effective therapies to mitigate the deleterious consequences of prenatal CS.

B. Positions and Honors

ACTIVITY / OCCUPATION	BEGINNING DATE (mm/yy)	ENDING DATE (mm/yy)	FIELD	INSTITUTION / COMPANY	SUPERVISOR/ EMPLOYER
Teaching/ Laboratory assistant	10/15	11/16	Chemistry	River's State University of Science and Technology, Nigeria	Mr. Deeue Bekee

Academic and Professional Honors

Onuzulu, C. D., Rotimi, O. A., & Rotimi, S. O. (2019). Epigenetic modifications associated with in utero exposure to endocrine disrupting chemicals BPA, DDT and Pb. *Reviews on environmental health*, 34(4), 309-325.

Rotimi, S. O., Rotimi, O. A., Adelani, I. B., **Onuzulu, C.**, Obi, P., & Okungbaye, R. (2018). Stevioside modulates oxidative damage in the liver and kidney of high fat/low streptozocin diabetic rats. *Heliyon*, 4(5), e00640.