

## IsDB scholars' information

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- **IsDB scholar:**

- Name : Alieu Sekou Konneh
- E-mail : [calieukonneh@gmail.com](mailto:calieukonneh@gmail.com)

- **Home institute:**

- Name: Ministry of Health Liberia
- Address: SKD Boulevard, Congo Town, 1000  
Monrovia, Liberia  
[c.coleman@moh.gov.lr](mailto:c.coleman@moh.gov.lr)

- **Host institute:**

- Name : Universiti Teknologi MARA (UITM)
- Address: 40450 Shah Alam, Selangor Daru Ehsan, Malaysia

- **IsDB scholarship :**

- Type of IsDB scholarship : Master of Science
- Year awarded : 2018
- Year ended : 2020

- **Research work**

- Title : Complication of Pregnancy among Adolescent Treated in a Government Hospital from January 1, 2015 to December 31, 2018
- Summary :

Adolescent pregnancy is both a public health and medical problems associated with an increased risk of pregnancy complications. The primary maternal complications were anaemia, hypertension, haemorrhage, and eclampsia, whereas neonatal complications comprised of low birth weight, preterm, and intrauterine foetus restriction. However, complications like gestation diabetes and caesarean delivery were higher among none-adolescent mothers' age  $\geq 20$  years. Adolescent mothers are more likely to die due to pregnancy-related complications and the process of childbirth. Consequently, many of these deaths occurred as a result of lack of skilled health workers, lack of timely intervention to a pregnancy-related emergency, and above all limited or poor referral system.

The maternal age less than 20 years, maternal educational level, and marital status were found to have a statistically significant association with adolescent pregnancy in this study.

- Scientific significance :

Complications in pregnancy are contributing factors to maternal mortality in many developing countries, which is a critical indicator of any country's development and health progress in achieving Millennium Development Goal five. Liberia is one of the countries with a high maternal mortality rate, and many of the maternal death are pregnancy-related complications (World Bank Group, 2015). The findings of this work will significantly contribute to the benefit of society that adolescent pregnancy is mostly associated with complications. The research will add to the body of knowledge the pregnancy complications among adolescent as compare to adult in the hospital and the association between the complications and demographic data, which will help doctors and nurses in clinical decision making. The findings will help nurses either increase or maintain the current strategies in reducing adolescent pregnancy and identifying the high risk of complications in pregnancy.

- Economic and development significance for your country and IsDB member countries

Liberia is an Islamic Development Bank Non-Member State. Liberia being a predominantly Christian country, the results of this study do not apply to certain member countries of the Islamic Development Bank. Nevertheless, the study will help in minimizing in the regions early child birth which is associated with increase school dropout for girls and social and economic burden for the parents. Parenthood is an experience that profoundly changes a young mother's life. Hence, adolescent is liable to drop out of school to meet her child's desire. Having a school dropout decreases the girl's academic abilities, decreases a girl's self-esteem, lowers the socioeconomic status and raises the society's potential liability.

- **Suggestions for improving IsDB-postdoctoral fellowships programme**

- **Future plan**

Provide us with your professional plan when you return to your country

Critical care nursing may not be a new practice in Liberia but it is a new academic training program in Liberia that the MOH aims to coordinate for the country's potential nurses. I am an employee of the Ministry of Health Liberia, and I am obligated to provide expert services in my specialization field at any of the public hospitals that MOH wishes to assign me. I will be actively interested in passing on the

expertise knowledge I have acquired to current and future nurses in my country through academic training programs. Using my research skills, I wish to coordinate a health program which will support Liberia's three hundred and seven Masjids. The overall objective of this project is to monitor the blood pressure of adult male and female who attend those Masjids on the day of Jumu'ah and provide the necessary health education in maintaining healthy blood pressure to prevent hypertension or take appropriate measure in maintaining the blood pressure within normal range.

In conclusion, under the sponsorship of Islamic Development Bank, I wish to pursue my PhD in nursing or in any other health-related field of study.

- **Photos**

Provide us with some personal photos of yours at your host institute and in your lab to be included in our bulletin.





**Office of International Affairs -  
Universiti Teknologi MARA**



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Congratulations to Alieu Sekou Konneh for the  
\*Silver plaque\* 🏆 at the International Innovation,  
Invention and Creation Exhibition 2019 (IICE2019)



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Summarize your research work and its significance ...to be included in our TV channel