



2016 BHEARD Scholar
Isaac Agbemafle

Profile

Country of Study:	United States of America
University:	Iowa State University
Department:	Food Science and Human Nutrition
Student Position:	Graduate Research Assistant—Ph.D.
Hometown:	Keta, Ghana
Home Institution:	University of Health and Allied Sciences, Ho
Home Position:	Lecturer
Mentored By:	USA: Dr. Manju Reddy, Dept. of Food Science and Human Nutrition, Iowa State University

Research Area: *Human Nutrition and Statistics (Minor)*

BHEARD PROGRAM START DATE: August 2016

UNDERGRADUATE EDUCATION: B.Sc., Biochemistry and Nutrition, University of Ghana, Ghana

GRADUATE EDUCATION: MPhil., Nutrition, University of Ghana, Ghana

RESEARCH INTERESTS: The high prevalence of food insecurity and malnutrition remains a challenge to women and children, especially from poor households in Ghana and elsewhere. This need motivated Isaac to study for his Ph.D. in Human Nutrition to identify sustainable ways to improve food security and nutritional status of these vulnerable groups.

Isaac is passionate about improving nutritional status of households by feeding them with edible insects which are very rich in macro and micronutrients. Isaac's Ph.D. dissertation research will focus on "Efficacy of palm larvae cereal as a locally available and sustainable complementary food to improve food security and nutritional status among Children in northern Ghana".

Isaac's teaching and research work in Ghana focuses on dietary approaches to improve food security and nutritional status of women of reproductive age and children. His previous research has focused on incorporating locally available food resources such as rice, cowpea and peanut into composite diets of households and monitoring its effect on nutritional status.

Other areas of emphasis for his research are school-based nutrition education to inform nutrition behavior change beginning with children. Isaac is interested in statistics because of his teaching and research work, and probably one can say he is quantitatively biased.

PERSONAL STATEMENT: Isaac is a dynamic motivated gentleman who aspires to be a renowned scientist in Ghana and beyond.

WHEN I AM NOT WORKING I ENJOY: In his spare time, Isaac enjoys reading. He also enjoys watching and playing football.