



2015 BHEARD Scholar
Sarah Chilungo

Profile

Country of Study:	United States
University:	North Carolina State University
Department:	Food, Bioprocessing and Nutrition Sciences
Student Position:	Graduate Research Assistant – Ph.D.
Hometown:	Lilongwe, Malawi
Home Institution:	Ministry of Agriculture
Home Position:	Agricultural Research Scientist
Mentored By:	Home: Dr. Tawanda Muzhingi US: Dr. Van Den Truong and Dr. Jonathan Allen, North Carolina State University

Research Area: Food Science

BHEARD PROGRAM START DATE: August 2015

UNDERGRADUATE EDUCATION: B.Sc., Agricultural Extension, University of Malawi

GRADUATE EDUCATION: M.Sc., Food Science, Michigan State University

RESEARCH INTERESTS: Sarah’s research interests are on carotenoid content and retention found in orange-fleshed sweet potatoes (OFSP) products. The reason being the nutritional importance of carotene as a precursor for vitamin A which, in turn, could provide a sustainable approach to fight vitamin A deficiency in Africa. Thus, Sarah’s study will focus on “Bioaccessibility of carotenoids from OFSP products.”

Upon graduating she plans to continue her research of OFSP or any field related to food science.

PERSONAL STATEMENT: Malawi as a country has limited qualified food scientists so Sarah’s goal is to continue working as a food scientist to help generate scientific information about the field. The information is important to support growth of the food processing industry as well as attracting young scientists who are interested in food science.

WHEN I AM NOT WORKING I ENJOY: Sarah enjoys reading scientific papers, watching TV, reading magazines and cooking.