



# ANTWI-AFARI, Maxwell Fordjour (MPhil, BSc.)

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## University Education

The Hong Kong Polytechnic University, Hung Hom Kowloon, Hong Kong  
Faculty of Construction and Environment  
Department of Building and Real Estate

**Ph.D. Student (August 2015- To Date)**

Kwame Nkrumah University of Science and Technology (KNUST), Kumasi-Ghana (August, 2013-2015)  
Collage of Arts and Built Environment  
Department of Building Technology

**Master of Philosophy (MPhil) Building Technology**

Kwame Nkrumah University of Science and Technology (KNUST), Kumasi-Ghana (2008-2012)  
Collage of Arts and Built Environment  
Department of Building Technology

**Bachelor of Science Construction Technology and Management (Hons) First Class (Honours)**

## Supervisor

Ir. Professor Heng LI

## Area of Research

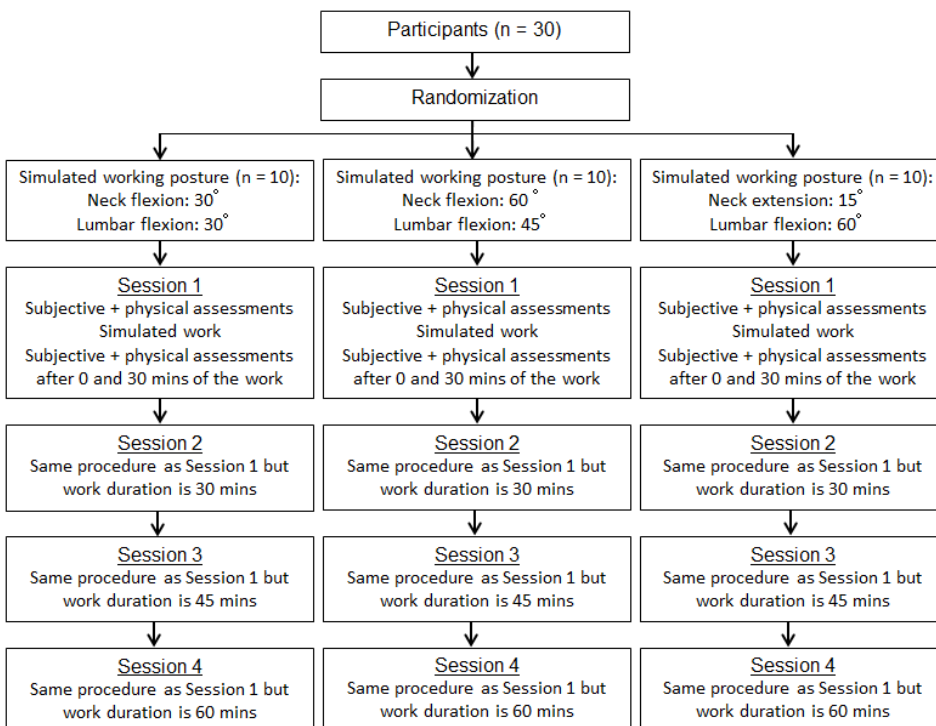
Construction Ergonomics



## Research Scope

This study focuses on the effects of different spinal inclination angles on clinical symptoms and spinal biomechanics (proprioception, spinal stiffness and muscle properties) of rebar workers during rebar tying on construction sites.

## Research Methodology



## Prizes and Awards

BEST Building Technology Student 2011/2012 Academic Year,  
College of Architecture and Planning (CAPSS) Dinner and Awards night, March 2012  
KNUST-Kumasi

## Academic Attachment and Exchange

### ***Graduate and Research Assistant (August 2014-May 2015)***

Kwame Nkrumah University of Science and Technology, Kumasi  
College of Arts and Built Environment  
Department of Building Technology

### **Job Schedule**

To assist in face-to-face lectures and tutorial classes for undergraduate students in the following courses;

- CTM 252: Marketing and Project Accounting (CTM 2 & QSCE 2)
- QSCE 254: Building Services and Equipment 2 (CTM 2 & QSCE 2)
- BT 359: Construction Procurement and Commerce (CTM 3 & QSCE 3)
- CTM 457: Entrepreneurship Management (CTM 4 & QSCE 4)

The following are also duties to be performed;

- Thesis coordination of final year students' project report.
- Collation of final year students' project report results.
- Preparation of project assessment forms for project research report.
- All other administrative duties assigned by the department and any other lecturer.

### ***National Service Personnel, Teaching/Research Assistant (2012- 2013)***

Kwame Nkrumah University of Science and Technology, Kumasi  
Department of Building Technology

#### Job Schedule

- Assist lecturers in their course demonstrations (including preparing power point presentations for course modules);
- Organizing tutorial classes for students
- Preparation of Bill of Quantities
- Price Estimation and Tender Evaluation

## Publication List

1. Owusu-Manu, D., **Antwi-Afari, M.F.**, and Fugar, F.D.K. (2014). "Review of Enablers and Outcome Factors of Technology Transfer Process in Developing Countries". Conference Paper to be presented at the 4<sup>th</sup> International Conference on Infrastructure Development in Africa – ICIDA 2015 on 25 March 2014.

## Hobbies

Reading inspirational and motivational books.

Sports activities. e.g. soccer

Watching movies and listening to music

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Updated in February 2016