Name :Chiemela Victor Amaechi	Course : PhD in Engineering
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Telephone : 07511658832	Year of Study : 1st year

(Please do not use more than 1 side of A4 for your answers below)

Why do you want to join, and what do you think you will gain from the project?

It will help me with improving my research skills,
 Network better with others in the academia and in Lancaster University;
It will make me work on something different from my current research and have more ideas;
It will challenge me to work during this time frame and deliver;
It will help me learn new things and skills, as I am open to learn;
It will help me discover how to find potential markets for my research project;
It will also enhance my CV.

Please give a brief overview of your experiences to date: (e.g. research areas, work experience)

Ove Arup & Partners (Intern)2004;
Nnamdi Azikiwe University Works & Physical Planning Unit (Intern) 2004;
Rural Electrification Board (REB) Sokoto (NYSC Resident Engineer) 2007-2008
University of Ibadan (MSc Researcher) 2008-2010
CAV Engineering (Civil Engineer) 2011-2012
Standards Organisation of Nigeria (SON) Abuja 2012-2015
Lancaster University (PhD Researcher) 2015- Date

What skills and/or personal qualities do you think you will bring to a PG RISE team?

Research and presentation skills,
Engineering design skills,
Computer competency skills,
Leadership and team working skills,
Interpersonal relationship skills,
Flexibility and meeting set goals.

Please rank the projects you are interested in : (see website for updated list of projects)

1) Identifying Environmental Pollutants –Directional Air-flow Sampler
2) Water Treatement – Magnetic Particle Compositions for Adsorption and Desorption
3) Magnetic particle compositions for adsorption and desorption of selected materials
4) Direct cross-sectional analysis – Beam-exit cross-sectional polishing (BEXP)
5) **Verifier coalescence — applications in secure e-voting, auction and more**