



Oluwafemi Sawyerr

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ENERGY AND ENVIRONMENTAL ECONOMICS, INC.

San Francisco, CA

Senior Associate

Mr. Sawyerr joined E3 in 2016 as an Associate upon the completion of his M.S. in Natural Resources and Environment from the University of Michigan. Prior to this, he received his B.S. in Applied Physics from the University of Lagos in Lagos, Nigeria. His studies have included transportation and energy policy, energy systems, and sustainable systems. Mr. Sawyerr brings with him analytical and quantitative skills in GIS mapping software, and dynamic system modeling; as well as an understanding of renewable energy and sustainable manufacturing in less developed countries. Select E3 projects worked on include:

- Projected benefits from participation in the Western energy imbalance market (EIM) for utility in the Pacific Northwest
- Evaluated the potential benefits of pumped storage assets in California and the Pacific Northwest under high penetrations of renewable generation
- Developed an economic model that analyzed the economics and operations of a renewable energy aggregator in South Africa

UNIVERSITY OF MICHIGAN

MECHANICAL ENGINEERING DEPARTMENT

Graduate Student Research Assistant

Volunteer Research Assistant

Ann Arbor, MI

May 2014 – August 2014

October 2015 – May 2016

- Team Organization: Assisted with the team selection process for faculty and student membership on the research team
- Research: Conducted literature reviews on sustainability, policy, economic and business perspectives in the development of manufacturing in less developed countries globally, and how the methods employed could be translated to an African case study
- Writing: Contributed to initial draft proposal on sustainable manufacturing in less developed countries; final proposal submitted to the University of Michigan Global Challenges for the Third Century Initiative

LITTLE TRAVERSE BAY BANDS OF ODAWA INDIANS (LTBB)

Student Consultant

Harbor Springs, MI

April 2014 – May 2015

- Teamwork: Collaborated in a 7-member interdisciplinary multinational team to help client (LTBB) meet energy goals of 25% renewable energy usage by 2020
- Innovation: Revised energy goals to 25% reduction in fossil energy consumption, revised existing tribal energy plan, and provided recommendations for meeting the new energy goals at the least cost.

- Knowledge: Created the first renewable energy generation potential suitability map for the reservation area in wind and solar energy using GIS mapping software.
- Team management: Coordinated map creation and renewable energy project development sub teams.
- Policy: Assessed tribal policy tools to ensure long term impacts of project recommendations; Tribal Council adopted recommendations on solar PV development for execution.

GRANGE EDUCATION LIMITED

Teaching and Laboratory Assistant

Lagos, Nigeria
September 2010 – August 2013

- Taught sixth and seventh grade Physics, and conducted laboratory classes for tenth grade Physics in an inclusive classroom system; a standard school with Special Education Needs (SEN) students. 100% of the tenth grade students achieved passing grades for the highly competitive Cambridge IGCSE exam throughout my stay
- Youngest Assistant Head of Year (junior administrative position) and Leadership Training Team Leader in the school's history.

Education

University of Michigan
*M. S. Natural Resources and Environment
Sustainable Systems*

Ann Arbor, MI
April 2015

University of Lagos
*B.S. Applied Physics (Geophysics)
Academic Honors: 2nd Class Upper Division*

Lagos, Nigeria
November 2008

Citizenship

Nigeria