Bio

Solomon Oyakhire is a PhD candidate in the department of chemical engineering. He received his BSc in chemical engineering at the University of Lagos in Nigeria before starting his PhD in chemical engineering as a Knight-Hennessy scholar. He is primarily interested in the scientific and economic facets required for accelerating the deployment of renewable energy technologies. Prior to Stanford, he carried out research on phase change materials applied in solar thermal heating systems at the University of Lagos and worked as a technology consultant at KPMG. By operating with frameworks that he gathered from research and consulting environs, he is currently working on developing high energy density batteries with practical applications in the grid and electric vehicles.

Publications

- **Revealing and Elucidating ALD-Derived Control of Lithium Plating Microstructure** in *Advanced Energy Materials*
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- **Applications of atomic layer deposition and chemical vapor deposition for perovskite solar cells** in *Energy & Environmental Science*
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