



Dupont Summit 2014

..... Science, Technology, and Environmental Policy Issues

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The Policy Studies Organization

Budding Scholars Conference

Raymond Ferrell - *University of North Carolina Charlotte*

"Creating a Digital Pedagogy: Exploring Online Learning Methods to Increase STEM Graduates "

Students in The United States of America are falling behind in the global competition for employment in technological fields. Educational institutions in the United States are struggling to produce graduates majoring in Science, Technology, Engineering, or Mathematics. This issue has caused American technology industries to recruit employees from other countries to meet their needs for workforce and diversity. The technology that led to this surge in competition can also be used to recreate this country's educational system to prepare students for current and future technology industries.

Biography

Raymond Ferrell is a computer science undergraduate student at the University of North Carolina at Charlotte (UNCC). He is the telecommunications chair of the UNCC chapter of the National Society of Black Engineers and is the co-founder and vice president of Advancing Innovative Minds, an entrepreneurial club on the UNCC campus. After realizing a talent in programming and earning a few certificates online, Raymond has dedicated himself to use computer science to create new and innovative ways to improve global social mobility and education.

