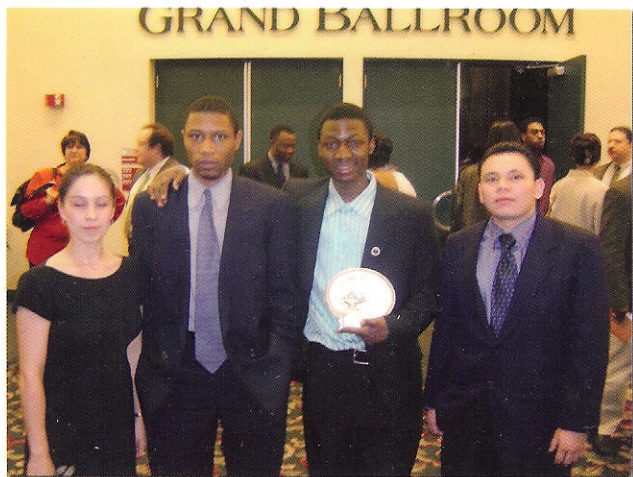


# Florida Georgia Louis Stokes Alliance - FGLSAMP EXPO 2005 (University of Central Florida (UCF) January 27-30)

Four New York City LSAMP students made poster presentations in the areas of Mathematics, Computer Science and Engineering.



## POSTER PRESENTATIONS

*Solving Mathematical Problems* - Yisa Rumala

*Prerequisite Checking Using Prefix Notation and Depth-First Search* - Juan Ruiz

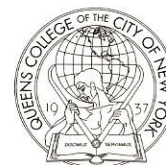
*Comparison of Hybrid Diesel-Electric Bus to Conventional Diesel Platform* - Cameron Clark

*Nonlinear Simulation of an F-16 Fighter Aircraft* - Clara Nieto-Wire.

**LtoR:** Clara Nieto-Wire (Borough of Manhattan CC/City College), Cameron Clark (City College), Yisa Rumala (York College), and Juan Ruiz (LaGuardia CC/Queens College)

### Highlights and Impressions-

- Everyone at the conference could obtain a doctoral degree despite your circumstances.
- There is a need to obtain a doctoral degree in your respective disciplines.
- Presentation of valuable information on how to choose the doctoral institution and mentor.
- Important questions that students should ask when approaching a graduate institution.
- The application process and opportunities available through the Alliance for Graduate Education and the Professoriate (AGEP) program.
- Presentations on the significant contributions of African-Americans at NASA that made space exploration possible.
- STEM industry challenges and expectations of the 21st century.
- The importance of the portfolio and the definition of our internal purpose in these times of economic instability.
- Having a well-defined internal purpose will help us discover opportunities from work place difficulties.
- Studying Abroad can be an enriching and mind expanding experience.
- Challenges and successes during the initial start up phase of a minority owned technology firm.
- The experience of a young faculty member committed to diversity, and the efforts to ensure diversity at his university.
- Yisa Rumala won First Place for his poster presentation 'Solving Mathematical Problems.'



*"This was a great opportunity to present our work, and to get to know other participants and their research work. It was also a good opportunity to learn more about the Louis Stokes Alliance for Minority Participation organization its history, goals and current activities. It was important to realize that there are people willing to share their knowledge and to help us get through in reaching our goals"*