



Cindy Lopez  
B.S. York College - City University of New  
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Major: Information Systems Management

Faculty Advisor:  
Dr. Michelangelo Salcedo

Program: Research Alliance in Math & Science

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### Research Area: Computational Science and Engineering

Perform research on the operational and functional capabilities of the Weigh-In-Motion (WIM) system dealing with aspects of visualization, wired and wireless networking and communications, and web-based services. Research will include but is not limited to the use of industrial handheld PDA's, laptops, tablet PC's, desktops, and server configured computers; and ORNL's customized electronics. All system design documentation will be reviewed and validated and user documentation will be generated.

#### Research Mentors:

Dr. Robert K. Abercrombie  
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