



**Lamine Gueye**  
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**Major:**

Soph. Civil & Environmental Engineer

**Research Advisor(s) and Current Research:**

I am one of Dr. Painter's students. He is a Civil Engineering researcher and professor. I also visit the lab of Dr. Nahashon in the department of Agricultural. I work on the ICP-OES machine to measure and analyze the wavelengths in the color spectrum of nanoparticles in the Research and Sponsored Programs building. I am the head student on it and will be open to train those willing to learn. The research I'm helping to assist is called Underground Water Bio-Remediation. Iron nano-particles will be used in the experiment and my job will be to analyze them using the ICP machine.

**Long-term goals: (Future career)**

I plan to work for CDOT in California when I graduate, but for now research intrigues me. I plan to finish what I'm doing with Dr. Painter, but I want to continue using the ICP and analyzing other elements for other researchers. In the years I have left at Tennessee State University I want to be involved in as many research possibilities as possible.

**Personal interests:**

I am interest in many aspects of science and mathematics but more and the physical problem solving side. Engineering really intrigues me on any level and figuring out and learning new things. I am always open to take in new information and getting involved in world changing things. That's why I'm very interested in the research I'm surrounded by in Research Sponsored Programs.

**Quote:** "We all die. The goal isn't to live forever. The goal is to create something that will."

- Chuck Palahniuk

**Nano-Bio Core Research Goals:**

The RSP team is full of intelligent individuals and that's the best part about it. I hope that by the end of this I have gained enough experience to where I can do all kinds of research in many different areas. I also want to better my research and presentation skills. I feel I have made contacts that will further insure me having a successful life.