



## Faculty Capabilities and Interests

**Name:** Anta'Sha Jones, M.S.

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**Discipline:** Biology

**Subdiscipline(s):** Cancer Biology and Public Health

**Areas of Research Interests:** Cancer Biology, Molecular Biology, Vision Science and Public health

**Skills:** Qualitative and Quantitative research skills; Plethora of Laboratory Skills, i.e. DNA isolation, Electrophoresis, cell culturing.

**Research Summary**  
*(current, performed in the past 5 year; 300 words or less)* I have not performed in research in the past 5 years. However, my last research project involved vision science. Intraocular pressure (IOP) fluctuations may occur in patients with glaucoma, but how these fluctuations affect axonal populations in the optic nerve and other structures in the eye has been difficult to assess. This study developed a rat model to evaluate the effect of intermittent controlled elevations in IOP on the morphology of the rat optic nerve.

**Keywords (5 maximum)** Cancer Biology, Lecturer, Public Health, Epidemiologist, Biology