

# SHAURITA D. HUTCHINS

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## OBJECTIVE

To obtain a position which allows me to utilize my ingenuity and an opportunity for career growth.

## WORK EXPERIENCE

April 2015 – Present

*University of Mississippi Medical Center*  
*Department of Psychiatry and Human Behavior*  
*Researcher II*

- Performed experiments related to the study of the role of SNPs in psychiatric disorders.
- Isolated genomic DNA using various methods for use in downstream applications.
- Isolated RNA using Trizol for use in qPCR experiments.
- Purified plasmids for use in cell culture experiments.
- Conducted cell culture experiments such as transient transfections & dual-luciferase assays.
- Transduced cells with lentiviral vectors to create stable cell lines.
- Designed a Python package which uses NCBI's Blast to determine orthologs of nearly 300 genes.
- Managed various cell lines such as 293, CHOK1, and SK-N-MC.
- Maintained the cleanliness of the lab, managed lab inventory, and ordered lab supplies.
- Examined ligand-biased assay data using GraphPad Prism.
- Analyzed RNA-Seq data using DESeq2 & cummerbund with RStudio.
- Designed PCR primers and genotyped large numbers of DNA samples.
- Prepared samples for next generation sequencing.

## LEADERSHIP EXPERIENCE

April 2009 – April 2010

*Xavier University of Louisiana*  
*Student Government Association President*

- Worked tirelessly to improve student life on our university's campus of over 3000 students.
- Planned, organized, and promoted campus-wide and community events.
- Collaborated with community and university leaders in order to tackle pertinent issues.
- Allocated a budget of roughly \$78,000 per semester.

## EDUCATION

August 2010 - May 2012

*Mississippi College, Clinton, MS*  
*Master of Science in Biological Sciences*

- American Society for Microbiology, Graduate Student Research Assistant

August 2006 - July 2010

*Xavier University of Louisiana, New Orleans, LA*  
*Bachelor of Science in Biology Premed*

- Dean's List, Gold & White Leadership Award, Teacher's Assistant, Peer Dean, Minority Access to Research Careers Scholar, Alpha Epsilon Delta, Howard Hughes Biomedical Honor Corps Scholar

## SKILLS

- Excels both independently and collaboratively
- Detail-oriented approach in completing tasks
- Proficient with Microsoft Excel, PowerPoint, Publisher, Outlook, and Word
- Strong leadership and time management skills
- Expertise in Python, R, and web development.