Investigative PhD in Molecular Biology with 4+ years of experience overseeing and assisting with research projects using techniques including PCR, nucleic acid quantification, and analyzing DNA, RNA, and proteins. Passionate about creating repeatable research methodologies and process improvements to maximize productivity for UNC’s Myeloma Research Team.

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**Nationality**: American

**DOB**: Jun 23 1985

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Sarah Data

Research Assistant

 **Experience**

**Experience** **Research Assistant —Dr. McPherson’s Laboratory – Durham, NC — 2015 – 2017**

* Analyse between 7 and 10 case files and databases regarding nucleic acid quantification
* Utilize statistical tools to generate 96% confidence limits on the search data
* Maintain detailed lab records with 100% level of accuracy

 **Microbiology Undergraduate Teaching Assistant (TA) – University of North Carolina – Charlotte, NC – 2013 – 2014**

* Researched up to 10 project topics as instructed by professors
* Earned 3 professor commendations for research quality
* Maintained detailed records regarding student progress and grades

 **Education**

**Education** **M.Sc. in Biological Sciences — UNC Charlotte | Charlotte, NC— 2013 – 2015**

4.0 GPA

 **Preferred fields of study: Molecular Biology, Immunology, Computational Analysis**

 **Extracurriculars and achievements:**

* President of the graduate student board 2013 – 2014
* Member of Alpha Sigma Kappa sorority

 **Skills**

**Skills** Organized| Team player| Project management abilities| Public speaking| Lab maintenance |Data entry| Statistical tool skills |DNA and RNA analysis

#  **Peer Reviewed Publications**

* “Biochemistry and the Process of Nucleic Acid Quantification”. Journal of Scientific Amazingness 3, volume 7 (2016) 27-52
* “Molecular Biological Methods in Plant Life”. ScienceDaily.com

**Interests**

Renewable Energy | Writing | Robotics | Artificial Intelligence