

Rhia R. Nelson

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Profile

Undeniable passion for science. Strong desire to enhance the quality of life in this world by discovering its natural beauty and healing properties. Properly trained in examining quality and conformity of products. Excels at delivering high-quality results. Exceptional communicator who is proficient in explaining highly technical ideas to a non-technical audience. Well-spoken and organized. Leadership skills and great teamwork ethic.

Experience

Graduate Research Assistant (Tennessee State University)

March 2022 – Present

Actively participate in laboratory experiments and analyze data. Conduct independent research studies and review with peer group weekly.

Cosmetic Chemist (Self-Employed)

May 2020 - Present

Gather substantial data from natural hair clients to produce a natural hair care line. Experiment with a variety of chemicals and herbal ingredients. Developing quality hair products.

Natural Hair Scientist | Instructor

April 2016 - Present

Provide creative, innovative hairstyling, wig making/installations and braiding with and without extensions. Up to date scientific, knowledge of natural hair and products. Gained a firm expertise working with all genres of hair extensions. Educate clients on proper hair care.

Research Assistant (Tennessee State University)

January 2011 - December 2015

Responsible for daily/weekly laboratory experiments. Promoted safety, assisted in preparing instructions and demonstrations. Assisted with experiments and day-to-day operations of the laboratory. Research Project: STUDY THE EFFECTS OF POLYCYCLIC AROMATIC HYDROCARBONS ON 3T3-L1 CELLS

Education

Tennessee State University

2022 - Present

Ph.D Student: Biology

Shear Perfection Academy

2021

Cosmetology, Instructor Program: Licensed Natural Hair Educator

Chemists Corner

2020

Online Cosmetic Chemistry Formulation Program: Certified Cosmetic Chemist

Sweeting's Cosmetology School

2016

Cosmetology Program: Licensed Natural Hair Stylist

Tennessee State University

2015

Masters of Science in Chemistry, Concentration: Biochemistry. Graduated, Cum Laude. Thesis Dissertation: DETECTION AND ANALYSIS OF ORGANIC POLLUTANTS IN WASTEWATER AND THEIR EFFECT ON PROTEINS

Tennessee State University

2013

Bachelors of Natural Science, Major: Biology, Minor Chemistry. Graduated, Magna Cum Laude. Research Project: GLUCOSE TRANSPORTER GLUT8 USED IN NEXT GENERATION SEQUENCING OF CHICKEN TRANSCRIPTOME

Scholarly Activity

POTUS

(Preparing Our Tomorrow Uniquely in STEM) Fellowship

Fall 2022-Present

TSU's 45th Annual Research Symposium

Spring 2023

Oral presentation: *Analysis Of The Effects And Functions Of PPEF2 Expression In The Pineal Gland Of Chicken*

Skills

Biology • Cosmetic Chemistry • Cell Biology • Chemistry • Organic Chemistry • Biochemistry • Physics • Genetics • Physiology • Psychology • Proficient in Microsoft Office • Protein Extraction • Cell Culturing • Media Preparation • Chromatography • Mass Spectrometry • Integrity • Effective Communication • Leadership • Problem Solving • Adaptability.

Volunteer Experience

The Kiddy Campaign

2023-Present

Founder of this non-profit organization. Our mission is to promote self love by mastering the art of expressing yourself freely.

SteP Program (Hillsboro High School)

2019-2020

Provided mentorship for high school students to gain experience and knowledge in their choice of career. Empower and support the students' creativity and future goal. Built everlasting bonds.

Nashville Tornado Relief Group

2020

Assisted with cleaning up the city after the Tornado hit in March 2020. Also donated food, water and supplies to shelters for the victims.

Nashville Rescue Mission

2022

Homelessness is a growing issue in Nashville. Volunteered to feed the homeless and provided the less fortunate with donations.