



Cameron Nichols

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I am a recent graduate of Belmont University with a Bachelor of Science in Biochemistry and Molecular Biology. I am looking to further enhance my technical prowess to a higher professional level.

Skills

- Fluent in Progeny pedigree documentation software.
- MATLAB and Octave graphing software.
- Strong Microsoft Office Suite skills.
- Current on HIPPA rules and regulations.
- High attention to detail.
- Experience in presenting complex techniques and technical language to an unfamiliar audience.
- Understanding of Cerner and medical patient documentation procedures.
- Strong time management and productivity.

Experience

2019 - 2019 / Medical Scribe – Emergency Department

Premiere Scribe, Nashville TN

Key responsibilities include proper documentation of sensitive patient information, HIPPA training, fluency in medical terminology and medical programs including Cerner.

2017 – 2019 / Lab Assistant – Department of Chemistry and Physics

Belmont University, Nashville TN

Key responsibilities include preparing solutions for lab classes, safety documentation, laboratory maintenance, combining and storing all chemicals not in use.

2017 – 2019 / Student Researcher – Department of Chemistry and Physics

Belmont University, Nashville TN

Key responsibilities included systematic scanning of substrates, bulk file organization, strict time management, procedure modification to maximize productivity, utilization of coding software to automate graphing and calculations of hundreds of spectrophotometer scans in Excel.

Education

2016 – 2020 / Biochemistry and Molecular Biology, B.S.

Belmont University, Nashville TN

Activities and Organizations

2019 – 2020 / National Science Teaching Association (NSTA) Treasurer

Belmont University, Nashville TN

2018 – 2019 / Beta Chi Historian

Belmont University, Nashville TN

2016 – 2017 / Student Members of the American Chemical Society (SMACS) Treasurer

Belmont University, Nashville TN

Publications and Presentations

2019 / Presentation^{1,2} / Biochemical Synthesis of Silver Nanoparticles with AgNO₃ Saturation of Aqueous Microbiota

Cameron Nichols, Justin Stace, Ph.D., Rachel Rigsby, Ph.D.

Department of Chemistry and Physics, Belmont University, Nashville, TN

2019 / Presentation^{1,2,3} / Repeated Immersion of Silver Ion Exchange Glasses in a Single Molten Bath

Cameron Nichols, Davon W. Ferrara, Ph.D., Robert H. Magruder, Ph.D.

Department of Chemistry and Physics, Belmont University, Nashville, TN

2018 / Presentation^{1,4} / Reproducing Nanoparticle Formation in Microscope Slide Samples

Cameron Nichols, Jacob Utley, Caleb Hoffman, Davon W. Ferrara, Ph.D., Robert H. Magruder, Ph.D.

Department of Chemistry and Physics, Belmont University, Nashville, TN

2017 / Presentation^{1,2,4} / Following Silver Ion Exchange

Samantha Chu, Cameron Nichols, Davon W. Ferrara, Ph.D., Robert H. Magruder, Ph.D.

Department of Chemistry and Physics, Belmont University, Nashville, TN

2016 / Presentation^{4,5} / American Physics Society (APS) International Conference Formation of Silver Nanoparticles in Glass via Ion Exchange/ Belmont Undergraduate Research Symposium (BURS)

Samantha Chu, Cameron Nichols, Davon W. Ferrara, Ph.D., Robert H. Magruder, Ph.D.

Department of Chemistry and Physics, Belmont University, Nashville, TN

Presentation Locations

[1] Belmont Undergraduate Research Symposium (BURS)

[2] Senior Undergraduate Research Symposium (SURS)

[3] American Chemical Society (ACS) National Conference

[4] Summer Undergraduate Research for Students (SURFS) Symposium

[5] American Physics Society (APS) International Conference