

RUTH E. NIUM

1844 Carl Klouse Road ♦ Murfreesboro, TN 37132
615-222-4457 ♦ ruthenium@yahoo.edu

OBJECTIVE:

Chemistry degreed candidate with over one year of laboratory experience and extensive knowledge of chemical processes seeks entry-level Research Technician position.

EDUCATION:

Bachelor of Science in Chemistry
Middle Tennessee State University

May 2007
Murfreesboro, TN

- Minor in Biology
- GPA 3.65/4.0

RELEVANT COURSEWORK:

General Chemistry I and II
Biochemistry I and II
Quantitative Analysis

Organic Chemistry I and II
Environmental Soil Chemistry
Physical Chemistry I and II

LABORATORY SKILLS & EQUIPMENT:

NMR Spectroscopy
Electron Microscopy
Solution Preparation
PCR Analysis
Purification and Distillation Techniques

HPLC
Gas Chromatography/Mass Spectroscopy
Streaking and Staining Techniques
DNA Sequencing
Melting Point Determination

COMPUTER SKILLS:

Proficient in Microsoft Office including Word, Access, Excel, PowerPoint and FrontPage
Skilled in SPSS; familiar with ArcView GIS

EXPERIENCE:

Forensic Laboratory Technician
Orchid CellMark

Dec 2006 – present
Nashville, TN

- Extracts, dilutes, amplifies and quantifies DNA from convicted offenders to load into criminal offender (CODIS) database
- Prepares buccal swabs and blood stains for PCR analysis
- Manages media preparation, stability testing and validation
- Organizes case files while maintaining patient confidentiality

Sales Associate
Nashville Pet Products

Jan 2003 – Dec 2006
Franklin, TN

- Generated the highest in-store sales quota of top quality pet products (300% of quota)
- Provided excellent day-to-day customer service
- Worked cash register, stocked and merchandised products

AWARDS & ACTIVITIES:

Dean's List – 6 consecutive semesters
Chemistry Club – Member, May 2004-present
Vice President, Dec 2006-present
Women in Science and Engineering – Member, May 2005-present