

# Amy F. Fowler

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## Professional Summary:

Disciplined and determined Chemistry degree candidate with over one year of laboratory experience and extensive knowledge of chemical processes. Contributed to the publication of a notable science paper, supervised a group of 5 interns with renowned information on various procedures and processes, and conducted proper inventory on essential chemicals and equipment.

## EDUCATION:

**Bachelor of Science in Chemistry**  
**The University of Mississippi**

Minor in Biology  
GPA 3.65

May 2019  
University, MS

## Relevant coursework:

General Chemistry I and II  
Biochemistry I and II  
Biophysical Chemistry

Organic Chemistry I and II  
Environmental Chemistry I and II  
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:

**Mississippi Crime Laboratory**  
*Forensic Laboratory Technician*

Dec 2017 – Present  
Batesville, MS

- 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
- Utilizes gel electrophoresis that eventually leads to the discovery of a new technique
- Organizes and executes weekly orders of laboratory materials to maintain
- Conducts research and publishes a scientific review of new technique

## PetSmart

*Sales Associate*

Jan 2016 – Dec 2017  
Oxford, MS

- Generated 300% of the store's quota of top quality pet products (300% of quota)
- Provided outstanding day-to-day customer service
- Stocked and merchandised 45 parcels of various pet products per week

## AWARDS & ACTIVITIES

Dean's List – 6 consecutive semesters  
Student Members of the American Chemical Society (SMACS) – Member, May 2018 - present

- Vice President, Dec 2017-present

Society of Women Engineers (SWE) – Member, May 2017 - present

*Need additional assistance or a resume critique?*

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