

# Science Senior

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## Education

Temple University, College of Science and Technology, Philadelphia, PA  
Bachelor of Science, Expected Graduation: May 20XX  
Major: Biology, Chemistry  
Honors Student, GPA 3.86

## Honors

Temple University Science Scholar, August 20XX – Present  
Dean's Scholar, August 20XX – Present

## Research Experience

**Undergraduate Research Assistant, Temple University** January 20XX – Present  
Department of Microbiology and Immunology, Advisor: Dr. Bettina Buttaro  
Redox Regulation of Plasmid Copy Number and Conjugative Transfer

- Protein purification/isolation, chromatography (Affinity, Ion-Exchange), Bradford assays, gel electrophoresis (SDS PAGE, agarose), electrophoretic mobility shift assays, silver staining, pcs, chimera

**Undergraduate Research Assistant, Stanford University** Summer 20XX & Summer 20XX  
Department of Aeronautics and Astronautics, Advisor: Dr. Debbie G. Senesky  
Power optimization for Electro-Thermal Systems Research Experience for Undergraduates (POETS REU)  
Long Term Stability of metal Contacts to Gallium Nitride

- High temperature probe station, optical microscopy, scanning electron microscopy, auger electron spectroscopy, MATLAB, imagej

**Undergraduate Research Assistant, Temple University** January 20XX – May 20XX  
Department of Chemistry, Advisor: Dr. Williams Wuest  
Synthesis of Biofilm Modulating Natural Products

- Microscale organic reactions, chromatography (column, TLC)

## Work Experience

**Site Director, Let's Get Ready at Temple University** August 20XX – Present

- Develop a program at Temple University that provides resources to rising freshmen and sophomore college students who are labelled at risk of dropping out

**Biology Department Ambassador, Temple University** January 20XX – Present

- Provide information about Temple University's biology department to prospective students at open houses and during tours

**Educational Programs and Policies Committee Member, Temple University** August 20XX – May 20XX

- Provide input and vote on program alterations that affect academic policies university wide to improve student education and faculty involvement for an annual term

## Activities

Temple University Chemical Society, Career Development Director, May 20XX – Present  
Temple University Geology Club, August 20XX – Present

## Laboratory Skills

Infrared spectroscopy, gas chromatography, chemdraw, 3D visualization software (chimera, Spartan 14)