

# Colleen Summers

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## SKILLS

**Molecular Biology** Polymerase Chain Reaction (PCR) amplification and gene cloning, site-directed mutagenesis, liquid and agar media preparation, agarose electrophoresis, Coomassie staining of protein gels, protein overexpression and purification, immunoblotting, yeast two-hybrid screening, immunoprecipitation;  
**Biochemistry** High Performance Liquid Chromatography (HPLC), spectrophotometry (UV/Vis), chromatogram analysis, SDS-PAGE, ultracentrifuge; **Software** Adobe Photoshop and Illustrator; Microsoft Word, Excel and PowerPoint; **Languages** fluent in Hebrew; proficient in Spanish, conversational in Italian

## EDUCATION

Bachelor of Science in Molecular Biology, minor in Spanish XX May  
Towson University, Towson, MD

- Honor's College GPA 3.77 Dean's List each semester
- Honors College, Provost, Senatorial and Top Ten Percent scholarships
- Honors College (After graduation, change to "University Honors Scholar")

## RESEARCH EXPERIENCE

- Research Intern, Ivy University, Department of Molecular Biology and Genetics (MBG) Jun–Aug 20XX  
Research Experience for Undergraduates (REU), Laboratory of Dr. Micro Bio
- Studied [detailed description of subject]
  - Presented "Title of Research Presentation" at summer symposium to peers and faculty
- Research Intern, Ivy University, MBG REU, Laboratory of Dr. Micro Bio Jun–Aug 20XX
- Conducted research on [description]
  - Presented "Title of Presentation" to conclude the summer program
- Volunteer Undergraduate Researcher at Johns Hopkins University Jan 20XX–Dec 20XX
- Researched in Dr. Pro Ton's lab with a graduate student
  - Studied [topic] using molecular biology and biochemistry techniques
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