

[Your Full Name]
[Email Address]
[Phone Number]
[LinkedIn Profile/Portfolio URL]
[Date]

Dr. [Principal Investigator Name]
[Department Name]
[University Name]

Dear Dr. [Last Name],

I am writing to express my strong interest in the Undergraduate Research Assistant position in your lab, as advertised via [Source of Posting]. As a [Year] student pursuing a Bachelor of Science in Chemistry at [University Name], I have followed your work regarding [Specific Research Topic] and am eager to contribute to your current projects.

My academic background has provided me with a solid foundation in [Sub-field, e.g., Organic Chemistry or Analytical Chemistry]. Through my laboratory coursework, I have gained hands-on experience with [List 2-3 techniques, e.g., Titration, NMR Spectroscopy, or GC-MS]. I am particularly drawn to your recent publication on [Briefly mention a specific paper or project] because [One sentence on why it interests you].

I am a detail-oriented student with a strong commitment to laboratory safety and precise data collection. I am eager to apply my theoretical knowledge in a practical research environment and support your team's objectives. I am available to commit [Number] hours per week during the [Semester/Summer] term.

Thank you for your time and consideration. I have attached my resume and academic transcript for your review. I look forward to the possibility of discussing how I can support your research efforts.

Sincerely,

[Your Signature]

[Your Printed Name]