

[Your Name]  
[Your Current Title/Affiliation]  
[Email Address]  
[Phone Number]  
[Professional Website/Portfolio URL]

[Date]

[Search Committee Chair Name, if known]  
[Department of Chemistry Search Committee]  
[Institution Name]  
[Institution Address]

Dear Members of the Search Committee,

I am writing to formally apply for the Assistant Professor position in [Specific Chemistry Sub-discipline] at [Institution Name], as advertised in [Source of Advertisement]. With a background in [Specific Area of Research] and a commitment to [Teaching Philosophy/Diversity], I am eager to contribute to the academic excellence of your department.

My doctoral research at [University Name] focused on [Brief Summary of PhD Work]. During my postdoctoral fellowship at [University/Lab Name], I expanded this work by [Specific Technical Achievement or Discovery]. These experiences have equipped me with expertise in [List 2-3 Core Techniques/Methods] and resulted in [Number] publications in peer-reviewed journals such as [Journal Name].

At [Institution Name], I intend to establish a research program centered on [Future Research Goal]. My laboratory will investigate [Specific Scientific Problem], utilizing [Methodology] to achieve [Anticipated Impact/Application]. I am confident that my research will attract external funding from agencies such as [NSF/NIH/DOE] and provide meaningful opportunities for undergraduate and graduate student mentorship.

My teaching experience includes [Course Titles or Levels Taught]. I utilize [Pedagogical Approach, e.g., active learning] to foster an inclusive environment where students from diverse backgrounds can excel. I am prepared to teach core curriculum courses in [General/Organic/Inorganic/Physical/Analytical] chemistry, as well as specialized graduate seminars in [Specialty Area].

[Institution Name]'s reputation for [Specific Institutional Strength, e.g., interdisciplinary collaboration] aligns with my professional goals. I look forward to the possibility of discussing how my research and teaching vision can support the mission of your department. Thank you for your time and consideration.

Sincerely,

[Your Signature]

[Your Printed Name]