

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

[Search Committee Chair Name, if known]
[Department of Physics/Astronomy]
[University Name]
[University Address]

Dear [Chair Name or Search Committee],

I am writing to formally apply for the Assistant Professor position in [Specific Subfield, e.g., Condensed Matter Physics / High Energy Theory] at [University Name], as advertised in [Source]. As a [Current Role] at [Current Institution] specializing in [Specific Area of Research], I am confident that my research agenda and teaching philosophy align with the goals of the [Department Name].

Research Program: My research focuses on [Brief description of primary research problem]. During my time at [Previous Institution], I have [Key accomplishment, e.g., developed a new experimental technique / published X papers in Physical Review Letters]. At [University Name], I plan to establish a lab dedicated to [Future Research Goal]. I have identified potential collaborations with [Name of Faculty Member or Research Group] and intend to pursue funding from [Specific Granting Bodies, e.g., NSF, DOE, or private foundations].

Teaching and Mentorship: I am committed to excellence in physics education at both the undergraduate and graduate levels. My experience includes [Teaching experience, e.g., lecturing for Introductory Physics / TAing for Quantum Mechanics]. I am prepared to teach core curriculum courses such as [Course 1] and [Course 2], as well as develop specialized seminars in [Specialized Topic]. My approach emphasizes [Teaching Philosophy, e.g., active learning / computational integration / inclusivity in STEM].

Service and Diversity: I am eager to contribute to the [University Name] community through service and outreach. I have previously [Service example, e.g., served on a curriculum committee / organized a women in physics symposium]. I am dedicated to fostering a diverse and equitable environment within the physics department and supporting students from underrepresented backgrounds.

Thank you for your time and consideration. I have attached my CV, research statement, teaching statement, and contact information for [Number] references. I look forward to the possibility of discussing how my background can contribute to the continued success of the Department of Physics at [University Name].

Sincerely,

[Your Signature]

[Your Printed Name]