

# Post Doctoral Research Associate Cover Letter

98931 Hackett Tunnel Haagfort, UT 69775-7440

**Dear Onyx Anderson,**

I am excited to be applying for the position of post doctoral research associate. Please accept this letter and the attached resume as my interest in this position.

In the previous role, I was responsible for expert knowledge for gene expression profiling experiments on different technology platforms including qRT-PCR, branched-DNA-assays (Luminex) and Next Generation Sequencing;

I reviewed the requirements of the job opening and I believe my candidacy is an excellent fit for this position. Some of the key requirements that I have extensive experience with include:

- Reprints of three most significant publications combined in a single file
- PhD in bioinformatics, genetics, biochemistry, molecular biology, animal science, physiology, or related field
- Key abilities include comfort working in a Unix-based computing environment, excellent oral and written communication skills, an understanding of molecular and statistical methodologies, a strong work ethic, and enthusiasm to learn
- Extensive experience with density functional theory and atomistic simulations
- Extensive experience of simulating defect properties and electronic properties in materials
- Extensive experience with complex oxides and/or oxides superlattices
- Experience with paralleling programming, such as MPI, and programming language python and C++
- Present and report research results and publish in peer-reviewed scientific journals in a timely manner

**Thank you for taking your time to review my application.**

Sincerely,