

2420 37th St
Sacramento, CA USA 95817

School
Address

Dear Search Committee:

I am writing to apply for a “Tenure Track Faculty Position in Mechanical and Aerospace Engineering” in your department. I am currently faculty in the Mechanical and Aerospace Engineering Department at the University of California, Davis. My official title is “Lecturer with Potential Security of Employment” which is an academic senate tenure-track position primarily focused on advancing undergraduate engineering education. I have been in this position for almost four years and my recent accomplishments align mostly with this position’s teaching needs, which are detailed in my last merit review candidate statement (also attached).

My goal is to move into a more typical professorship where I can continue to excel at teaching and education but also have the resources I need to further my research in human mobility started during my graduate and postdoctoral positions. The best fit for me is at a university has a department who is mission focused, works together forwarding this common mission, and values continuous change all while deeply valuing engineering education through teaching and research mentorship.

My current research trajectory is focused on developing human-machine synergistic controllers for powered exoskeletons, powered prostheses, and human-scale mobility vehicles, particularly single track vehicles. These assistive devices will play a significant role in how the abled and disabled get around in the future.

I have included my research plan that centers around human mobility and a teaching statement that outlines my pedagogical practices in addition to how I think I would fit into your department.

Thank you for your consideration.

Sincerely,

Jason K. Moore