

August 5, 2025

Jennifer Cribbs

College of Education and Human Sciences, Oklahoma State University

304 Whitehurst Lane

Stillwater, OK 74077

Dear Dr. Cribbs:

I am reaching out with interest in applying for the Assistant Professor position for the Science and Mathematics Education Program at Oklahoma State University. After our conversation over the phone about the position, I learned more about the community engagement mission of your department. With a demonstrated interest in work at the intersection of technology, science, education and public service, I know that my range of experiences would allow me to bring a blend of classroom and practical hands-on learning to the program.

As an Education Research Fellow at the University of Denver, I researched the role that technology plays in classroom settings. With young learners' expansive interest in utilizing technology, I am passionate about incorporating innovative activities in classroom settings. In hosting a series of educational webinars for K-12 STEM educators across the United States, I provided resources, tools, and guidance for teachers seeking to further engage their students with online dissection models and math games. After implementing these programs, teachers reported a 300% increase in classroom activity engagement during remote learning sessions. Additionally, students reported an increased interest in STEM career fields, maintained consistently through the end of the school year.

While working at the Denver Museum of Nature and Science, I helped improve technical processes for customer service in coordination with the Museum's IT Director. Following several scheduling conflicts with schools, which led to internal and external confusion and miscommunication, I developed human-centered processes that complemented technical applications. Through communication and partnership, the museum doubled its number of K-12 school visits in the year following the program's implementation. This experience inspired research on the risks of Generative AI in educational settings, providing a resource for educators of all grade levels.

I deeply appreciate your time and look forward to learning more about the position. After seeing the community-wide impact of your department, I hope to contribute to the community of collaboration and innovation developed under your leadership. I will call you again on Tuesday and look forward to speaking with you about the position.

Sincerely,

*Pistol Pete*

Pistol Pete