

# M WITTKOP

Graduate Research  
Assistant, Chemistry  
& Biochemistry

I model one-dimensional materials (long, thin chains of atoms) and two-dimensional materials (one-atom-thick sheets) to calculate important electronic and optical properties. In particular, I work with Molybdenum- and Tungsten-based materials.

## WHAT IS MY CONNECTION TO QUANTUM?

The materials I work with, nanoribbons, have interesting quantum properties due to their extremely small scale. In addition, the calculations that are run by the computer are entirely based on the Schrödinger equation and quantum mechanics.

## OUTSIDE OF WORK,

I am a volunteer for oSTEM international, an organization that supports LGBTQ+ people in STEM. I am a drag queen, and I love playing pool in the evenings and hiking on the weekends.

## WHAT ADVICE WOULD I GIVE HIGH SCHOOL ME?

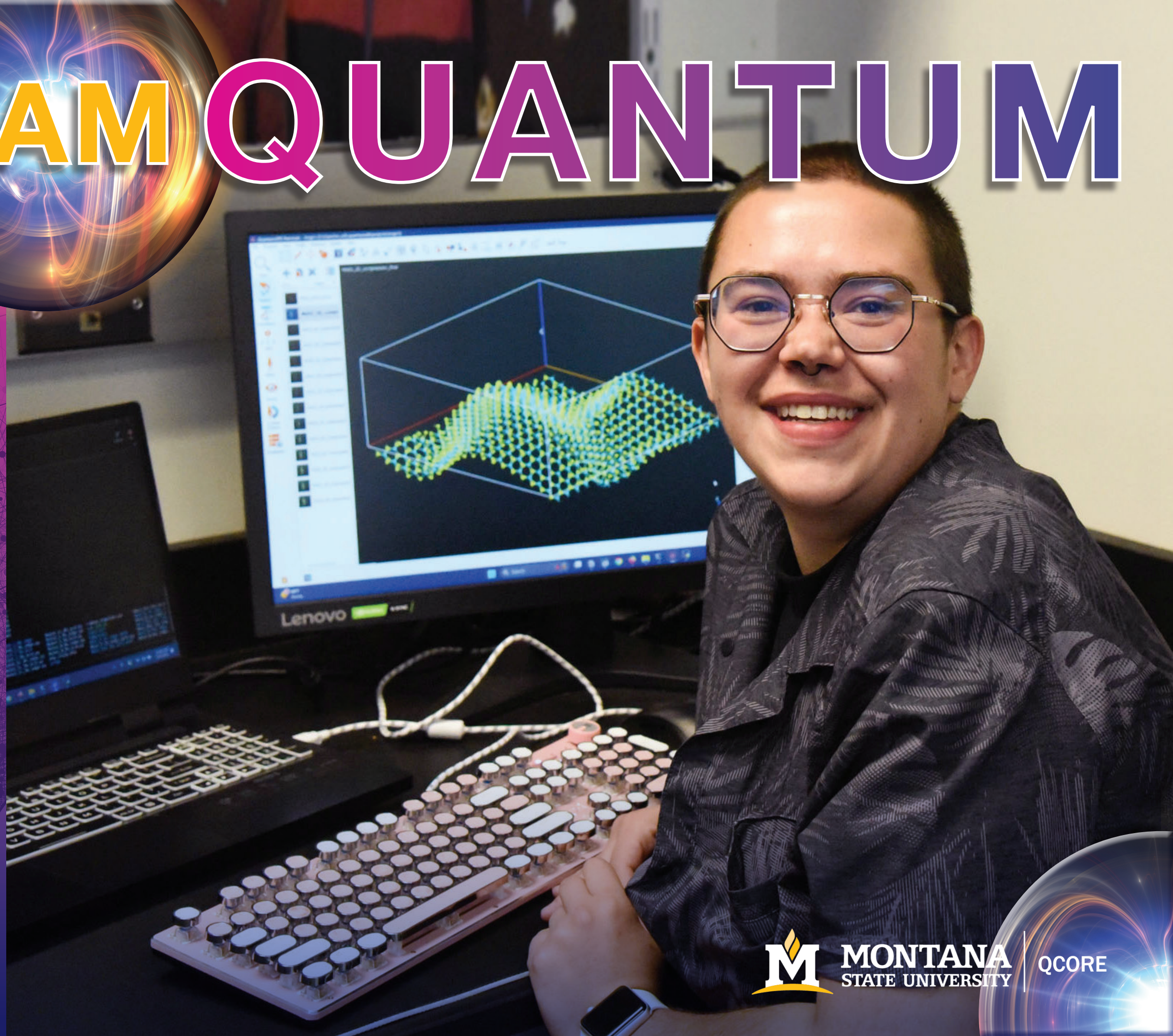
I would tell high-school-me to be less afraid of putting myself out there and exploring all the opportunities available to me. And to take a coding class.



**LEARN MORE**

[montana.edu/smrc/quantum/](https://montana.edu/smrc/quantum/)

# I AM QUANTUM



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