



## Quantum In Your Classroom

Saturday, April 20 10am-3pm

GMU Fairfax Campus

### QUANTUM IN YOUR CLASSROOM

QiYC is a professional development workshop that will provide an introduction to quantum concepts for high school chemistry teachers. Participants will learn what quantum is, why it is important for your students, and where you can find resources to use in your classrooms. No prior knowledge of quantum is required, but participants should be current high school chemistry teachers.

### AGENDA

The session will provide an overview of what quantum is and why it is important. The sessions will also provide an opportunity for teachers to work with curriculum materials that can be used in secondary classrooms.

### SPEAKERS

Jessica Rosenberg is an Associate Professor of Physics and Astronomy and Director of Education for the Quantum Science and Engineering Center at George Mason University. Jessica is an astrophysicist and STEM education researcher. She is working to develop a sense of excitement and awe in students and teachers as they delve into the mysteries of the quantum world and to prepare students for the quantum workforce.

Nancy Holincheck is an Assistant Professor of STEM Education and Associate Director of Education for the Quantum Science and Engineering Center at George Mason University. Nancy is a former high school physics teacher who now supports teachers and students in learning about quantum across the K-12 grade levels. Her work aims to make quantum accessible to each and every student.

### WHO CAN ATTEND?

We invite high school chemistry teachers who are interested in learning what quantum is and what classroom resources are available to register for the workshop.

### COST/SESSION?

This session is free for registrants and includes a \$150 stipend. All teachers in the DMV are welcome to participate. Professional development hours are available to teachers Washington D.C. and Virginia. Attendees will receive priority access to future Quantum in Your Classroom programs. Teachers will also leave with access to quantum curriculum in materials for a range of grade levels and the materials and instructions needed to run a quantum experiment with your students.



### APPLICATION

Register here: [go.gmu.edu/k12quantum](https://go.gmu.edu/k12quantum)

To learn more about our work visit:  
<https://go.gmu.edu/QuantumEd>