

[Bernoulli Equation for Gases](#) by *Carl Mungan (U.S. Naval Academy)*

[Quantum Education Experiment: Active Physics for Level 1 English Learners](#) by *Russell Youmans (Annandale HS, Fairfax County Public Schools)*

[Quantum Resources for K-16](#) by *Jessica Rosenberg (George Mason University), Nancy Holincheck (George Mason University)*

[Rocket Launches as a capstone project](#) by *Jeff Steele*

[A Picture is Worth 1000 Equations: The Art of Special Relativity](#) by *Gerald Feldman (George Washington University)*

[Designing a K-12 Course in Quantum Information Science](#) by *Jessica Rosenberg (George Mason University), Nancy Holincheck (George Mason University)*

[A Simple Model to Explain The Photon](#) by *Maajida Murdock (Randallstown High School, BCPS, Morgan State University)*

[The Velocity Triangle and the Expanding Universe](#) by *Lewis McIntyre*

[How to use quantum computing to illustrate important single quantum experiments for quantum instruction](#) by *James Freericks (Georgetown University)*

[Is it possible to improve your evaluations and still sleep well at night?](#) by *Maxim Bychkov (University of Virginia)*

[Free Resources on the OPTYCs Website](#) by *Kris Lui (AAPT – OPTYCs)*

[Quantum Entanglement Pedagogy](#) by *Robert Hilborn (University of Maryland)*

[Balancing Mathematical Formalism and Experimentation Discussions in Quantum Mechanics: Student Perspectives on Learning and Quantum Measurement](#) by *Jason Tran (Georgetown University)*

[STEP UP: Peek Into Others' Classes to Develop Your Own](#) by *Elissa Levy (Thomas Jefferson High School for Science and Technology)*

[Bridging the Math-Physics Gap: Strengthening STEM Readiness with PUM and ISLE](#) by *Andres Akamine (Boyd J. Michael, III Technical High)*

[Course management, administration and challenges in teaching large classrooms in active learning format](#) by *Jency Sundararajan (University of Virginia)*

[Fun Ways to Present Diffraction Grating Patterns in the Classroom](#) by *William A. Tobias (University of Virginia)*

[Masters of Arts in Physics Education Degree for In-Service High School Physics Teachers](#) by *Richard Lindgren (University of Virginia)*

[Building Physics Identity and Belonging for Women: Re-thinking the Teaching and Learning Environment in Physics](#) by *Laura Akesson (George Mason University)*