

Name: **Brent D. Holt**

Email address: bholt@rvgs.k12.va.us

Current position at RVGS: AP Physics Teacher and RVGS Physics Teacher

Degrees:

B.S. in Mechanical Engineering; Pittsburg State University

M.A. in Curriculum and Instruction: STEM Education; Virginia Tech.

Ph.D. in STEM Education; Virginia Tech.

Virginia Department of Education endorsements:

Physics, Mathematics, and Technology Education

Courses taught at RVGS:

AP Physics C, RVGS Physics, Calculus AB, Pre---Calculus

Recent conference presentations:

*University of Minnesota: An Exploratory Study of Project Lead the Way*

*Secondary Engineering Educators' Self---Efficacy*

Recent publications:

Dissertation: *An Exploratory Study of Project Lead the Way Secondary Engineering Educators' Self---Efficacy*

Recent professional development activities:

Virginia Tech: NSF (7 week program) *Biomechanics from Molecular to*

*Organismal Scales:*

*Fluid Dynamics of Raindrops on Hydrophobic Surfaces*

Awards:

Patent 6231944: *Method for producing a thermal, acoustical and/or vibrational abatement shield.*