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Summary

Education	K-12 Blended and Online Learning Certificate <i>University System of Georgia, Atlanta, Ga</i>	2018
	M.A. Integrated STEM Education Curriculum & Development <i>Virginia Polytechnic University, Blacksburg, Va.</i>	2015
	Teaching License <i>University of Virginia, Charlottesville, Va</i>	2008
	B.S. Degree in Biological Sciences Graduation magna cum laude with University Honors and 3.9 GPA <i>Virginia Commonwealth University, Richmond, Va.</i>	2002

Key Strengths

Creative Lesson Plan Development	Project Management
Teacher Collaboration Across Curriculum	STEM Ed Lesson Design and Implementation
Inquiry-Based Learning	Laboratory Safety
Problem/Project Based Learning	Performance Based & Formative Assessment
Integrated Study Skills Instruction	Technology Implementation
Alignment between assessment and curriculum needs for multiple subjects	Google education applications
	Collaboration with community stakeholders

Certifications	Virginia Professional Teaching License June 2018 – June 2023
	National Geographic Certified Educator June 2018 onward
	Google Certified Educator Level 2 June 2019 – June 2021
	Google for Education Certified Trainer Skills Assessment July 2018 – July 2021

Career History

Life Science Teacher & Science Department Chairperson, 7th Grade, Colonial Heights Middle School	<i>2005 - Present</i>
<ul style="list-style-type: none"> • Develop life science curriculum for use with a diversity of learners. • Cultivate student curiosity, creativity and enjoyment in the life sciences. • Refine curriculum based on formative assessments of student learning. 	

- Outreach Educator, *Science Museum of Virginia*** 2004 - 2005
 - Developed curriculum in fields of life science and earth & space science.
 - Taught one day lessons in diverse classrooms across the state of Virginia.
- Space Camp Counselor, *Space Camp, Huntsville, Alabama*** 2000 - 2002
 - Directed students in activities for campers in grades 7 to 9

Memberships and Affiliations

- International Society for Technology in Education (ISTE)
- Virginia Society for Technology in Education (VSTE)
- National Science Teachers Association (NSTA)
- Association for Supervision and Curriculum Development (ASCD)
- Virginia Association for Supervision and Curriculum Development (VASCD)
- Virginia Association of Science Teachers (VAST)
- National Education Association (NEA)
- Virginia Education Association (VEA)
- Colonial Heights Education Association (CHEA)

Career Accomplishments & Leadership

- Tri-Cities Regional STEAM & Literary Expo organizer
- CHMS STEM Family Activity Night chief organizer
- Chesapeake Bay Foundation Teacher Environmental Literacy Leadership Program instructor – Leading August 2019 Chesapeake Classroom “Fostering Environmental Literacy in Colonial Heights Public Schools”
- March 2019 – EdTechRVA2019 Presenter – “Data Power Up” and “WePuzzle” sessions.
- 2018 – Virginia Association of Science Teachers (VAST) RISE awardee for Outstanding Middle School Science Educator
- 2018 – Lead teacher Blended Classroom Builders summer research group
- 2018 – Sponsoring teacher for the Virginia Junior Academy of Sciences Research Symposium

- 2016 – present Science Department Chairperson for Colonial Heights Middle School
- 2016 – 2018 Colonial Heights Education Association president
- 2016 Colonial Heights Public Schools Summer Technology Institute Professional Development Instructor: YouTube Introduction and Pedagogy
- 2016 leading member for “See Less Sea-less Seagulls”, Programs That Work 2016 awardee from Virginia Mathematics & Science Coalition
- 2015 Virginia Education Association Caucus representative for Colonial Heights Education Association
- 2015 Colonial Heights Public Schools conference presenter at Virginia Association of Curriculum & Development Annual Conference: Deeper Learning, Topic: Interdisciplinary STEM unit planning
- Oct. 2015 *See Less Sea-Less Seagulls: Planning for an interdisciplinary STEM unit* published in Science Scope
- 2015 Colonial Heights Middle School Teacher of the Year awardee
- 2015 Southside Virginia Regional Technology Consortium Technology Teacher Award for Colonial Heights Public Schools winner
- 2014 Seventh Grade STEM Curriculum Design Team
- 2014 – present STEM Advisory Committee, current Middle School Representative
- 2012 Science Club Sponsor
- 2011 Teachers on the Bay: Bounty of the Bay participant
- 2011 Virginia Institute of Marine Science Chesapeake Bay Academy Coast Ecosystems Field Course participant, Wachopreague
- 2008, 2010, 2015 Sponsoring teacher for the Metro Richmond Science Fair
- 2010 – 2011 Colonial Heights Middle School Standards Mastery Data Aggregator
- 2009 Mathematics and Science Innovation Center Nanotechnology Fellow

- 2009 Mathematics and Science Innovation Center certificate of merit for Emerging Fields of Math and Science
- 2008 Mathematics and Science Innovation Center & Colonial Heights Public Schools conference presenter at Virginia Association of Science Teachers, Topic: Fractals in the Classroom
- 2008 Leigh Wade Chapter of the Air Force Association “Chapter Teacher of the Year”
- 2008 Mathematics and Science Innovation Center certificate of merit for Fractals: A New Lens on the Natural World
- 2006 – 2013, 2014 – present Colonial Heights Public Schools Gifted Advisory Council Middle School representative
- 2007 Colonial Heights Public Schools Professional Development instructor for Math Fractals: Using nature’s patterns to teach geometry and algebra
- 2006 – 2008 Mathematics and Science Innovation Center Fractal Fellow
- 2006 – present Colonial Heights Middle School Team Off-site Education coordinator – coordinate multiple field trips throughout the year for 7th grade students
- 2006 – 2007 US Army Quartermaster Museum and US Army Petroleum and Water Department Curriculum Developer for the On-site education program “Are you Going to Drink That?”, intended for grade 6-12 students visiting the Army’s Water Treatment Facility site on the Appomattox River at Fort Lee
- 2003 Colonial Heights Public Schools National Association of Science Teachers presenter of CSI: Colonial Heights – a school-wide forensic encounters activity day