

Savvy Demers
sdemers@masscue.org

EDUCATION

UMass Boston , Boston, MA Concentration: Policy Analysis of Standardized Testing	Urban Education Leadership and Policy PhD Program , Present	
Boston University , Boston, MA		Teaching Africa Teacher Program
Tufts University , Medford, MA	Engineering Education Certification , May 2018	GPA: 4.0
University of Maine , Orono, ME Concentration: Physics and Mathematics	Masters in Science Teaching , May 2017	GPA: 3.8
Colby College , Waterville, ME Major: Physics, Minors: Mathematics, Administrative Science	Bachelor of Arts , May 2011	GPA: 3.15

JOB EXPERIENCE

Executive Director, MassCUE **July 2022 - Present**

- Implemented MassCUE for ALL campaign

Physics Teacher, Madison Park Technical Vocational High School **August 2017 - June 2022**

- Taught 2-3 sections of Project-Based Introductory Physics First for 9th graders.
- Taught AP Physics 1 for seniors.
- Taught Introduction to Engineering for juniors (2017-2019), involving the completion of a 6 month engineering design challenge involving their vocation.
- Facilitated the procurement \$20,000 of physics supplies to ensure project based learning.
- Wrote and received grant money to purchase 20 laptops for my classroom.
- Wrote and received grant money to purchase 15 TI-Nspire calculators for my AP Physics students.
- Aided in the writing of a \$200,000 STEM grant, upon which we received a variety of STEM equipment.
- Completed a summer Fab Lab Academy where I learned 3D modeling, 3D printing, LASER cutting, and CNC machining.
- Led a professional development for teachers around Restorative Justice circles for content.
- Led meetings during common planning time with the physics department.
- Attended several district science meetings to aid in the sequencing of the 2016 Physics standards.
- Attended several district Restorative Justice training to improve my ability to do so in the classroom.
- Attended the AP Summer Institute through the College Board for physics.
- Attended the effective meeting planning and facilitation PD through the Data Inquiry Network.

Physics Teacher, Hamilton Wenham, MA **August 2015 – August 2017**

- Educated five sections of junior/senior physics students at high school level, including 2 honors sections.
- Advocated for Project Based Learning across science courses, as the only physics teacher in school.
- Trained fellow staff members to use educational technology in their classroom such as Google Classroom, Chrome Extensions, Flubaroo and more.
- Attended technology conferences to learn techniques to apply in the classroom.
- Designed and executed PBL course for introductory physics students in partnership with local outdoor learning company, Project Adventure.
- Led a professional development session for elementary school teachers on incorporating project based learning into their classroom.
- Sat on the committee to determine the elementary, middle, and high school science curricula.

Physics Teacher, Duxbury, MA **August 2014 – August 2015**

- Taught three, and co-taught two sections of a Standards-Based Physical-Science course to sophomores.

Traveling Programs Education Associate, Boston, MA

July 2013 – August 2014

- Researched, developed and presented offsite school and public programs to students, teachers, volunteers and the general public at the Museum of Science in Boston, that contain accurate and relevant science principles and concepts in a way that both educates and inspires further interest in science.

OTHER RELEVANT EXPERIENCE

STEP UP Ambassador Lead

2020 - 2022

- Lead summer conference sessions on diversity in physics
- Assisted in the acquisition of advocates for STEP UP community
- Lead refresher sessions about STEP UP curriculum
- Facilitated the online forum questions pertaining to my areas of expertise

AAPT Committee on Diversity Member

2019 - 2022

- Attended bi-monthly meetings to discuss diversity issues in AAPT
- Organized the collection of diversity information for the teacher website
- Organized the collection of diversity information for the curriculum website

STEP UP Ambassador

2018 - 2020

- Facilitated training and supported implementation of the STEP UP curriculum in classrooms around the country
- Attended STEP UP summer conference

SKILLS

- Science Blog Writing, 4 years, STEM Supplies Co.
- Google Certified Educator, Level 1
- Restorative Justice Trainee, Tier 3 +
- Out for Safe Schools Teacher
- Former Member of Boston Educators for Equity