

# Jeffrey D. Remington

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## EDUCATION

### **Pennsylvania State University**

Master of Education  
Adult Training and Development

**Middletown, PA**

December 1991  
4.0 GPA

### **Indiana University of Pennsylvania**

Bachelor of Science in Science Education  
Biology Concentration  
Dean's List – Resident Advisor

**Indiana, PA**

May 1986  
2.97 GPA

## EXPERIENCE

### **Penn State University, College of Education**

*STEM Outreach Liaison / Center for Science and the Schools*

**University Park, PA**

2022-present

- ◆ Community engagement
- ◆ Broader Impact asset development
- ◆ Social and digital media management
- ◆ Partnership development director for Engine STEM Ecosystem
- ◆ Leadership team for Pennsylvania Statewide STEM Ecosystem
- ◆ PAEMST Alumni Representative

### **Palmyra Area School District**

*Secondary Science / STEM Educator*

**Palmyra, PA**

1987-2022

- ◆ Department Chair / Team Leader / Mentor / Student Assistance Member / Trainer
- ◆ Aligned curriculum to PA teaching standards
- ◆ Lead, created and implemented district secondary STEM initiative
- ◆ Transformed instructional delivery of science – Consistent top science performance IU13
- ◆ Middle school athletics coaching and management

### **Lebanon Valley College**

*Adjunct Science / STEM Education Educator*

**Annaville, PA**

1997-2022

- ◆ Graduate thesis advisor
- ◆ Created and instructed a variety of STEM related graduate courses
- ◆ Taught undergraduate methods of science instruction

### **STEM Revolution**

*Trainer / Contractor*

**Boise, ID**

2017-present

- ◆ Curriculum creator
- ◆ Web content creator
- ◆ Trainer
- ◆ Ongoing training work on the STReAM initiative for Ministry of Education in the United Arab Emirates

### **Ministry of Education**

- ◆ Keynotes / Presentation / Advisement

**United Arab Emirates**

2018-present

## ADDITIONAL EXPERIENCE

### **Palmyra-Haiti Technology Project**

*Project Lead*

**St. Marc, Haiti**

2004-ongoing

- ◆ Coordinate fundraising and capacity building for science & technology labs
- ◆ Recognized for innovation and impact on Global Giving platform
- ◆ Recognized for impact by the Embassy of Haiti

<p><b>Presidential Award for Excellence in Mathematics and Science Teaching</b>  <i>Pennsylvania State Alumni Representative</i></p> <ul style="list-style-type: none"> <li>◆ Lead and coordinate state PAEMST initiatives, advocacy, and mentorship</li> </ul>	<p><b>Arlington, VA</b>  2021-ongoing</p>
<p><b>Varkey Foundation</b>  <i>Global Teacher Ambassador</i></p> <ul style="list-style-type: none"> <li>◆ Advocacy to elevate teaching and inform international policy</li> </ul>	<p><b>London, England</b>  2020-ongoing</p>
<p><b>Pennsylvania Department of Education Workforce Development Task Force</b></p> <ul style="list-style-type: none"> <li>◆ Inform / advise workforce development policy</li> </ul>	<p><b>Harrisburg, PA</b>  2020-ongoing</p>
<p><b>Pennsylvania Statewide Afterschool Youth Development Network</b>  <i>State STEM Ambassador Trainer and Mentor</i></p> <ul style="list-style-type: none"> <li>◆ Advocacy to elevate STEM and inform local and state policy</li> <li>◆ Assist in presentations for annual training and ongoing mentorship</li> </ul>	<p><b>Camp Hill, PA</b>  2018-ongoing</p>
<p><b>Pennsylvania Department of Labor and Industry</b>  <i>WIOA Youth Workforce Development Board Member</i></p> <ul style="list-style-type: none"> <li>◆ Inform / advise workforce development policy</li> </ul>	<p><b>Harrisburg, PA</b>  2018-ongoing</p>
<p><b>National Science Teaching Association /  National Council of Teachers of Mathematics</b>  <i>National STEM Teacher Ambassador</i></p> <ul style="list-style-type: none"> <li>◆ Advocacy to elevate STEM and inform local, state and national policy</li> </ul>	<p><b>Arlington, VA</b>  2017-ongoing</p>
<p><b>Pennsylvania Department of Education</b>  <i>Curriculum, instruction, and Assessment Committees</i></p> <ul style="list-style-type: none"> <li>◆ Assisted in assessment Cut Scores, Item Creation, Item Analysis, Range Finding</li> <li>◆ Science, Technology, Engineering, Environment &amp; Ecology Academic Standards Steering Committee</li> <li>◆ Science, Technology, Engineering, Environment &amp; Ecology Academic Standards Content Committee</li> <li>◆ Science, Technology, Engineering, Environment &amp; Ecology Academic Standards Writing Committee</li> <li>◆ Assisted in various standards and curriculum initiative</li> <li>◆ PA SMART / Computer Science Initiative</li> </ul>	<p><b>Harrisburg, PA</b>  2004-ongoing</p>
<p><b>Mortel High Hopes For Haiti Foundation</b>  <i>Palmyra-Haiti Technology Project</i></p> <ul style="list-style-type: none"> <li>◆ Fundraise / Advise / Advocate for STEM Education in Haiti</li> <li>◆ Assisted in the creation, funding, staff training and implementation of computer and science labs in Haiti</li> <li>◆ Coordinated Intel's Service Corps Members engagement at our schools in St. Marc, Haiti</li> </ul>	<p><b>Hershey, PA</b>  2003-ongoing</p>
<p><b>Pennsylvania State University College of Medicine</b>  <i>National Institutes of Health Recombinant DNA and Biosafety Committee</i></p> <ul style="list-style-type: none"> <li>◆ Community advisement member</li> <li>◆ Reviewed biomedical research protocols and standard operating procedures</li> </ul>	<p><b>Hershey, PA</b>  2008-2018</p>
<p><b>Full Option Science System (FOSS) / Delta Science</b>  <i>FOSS Trainer / Consultant / Contractor</i></p> <ul style="list-style-type: none"> <li>◆ Coordinate and deliver science pedagogy training and support</li> </ul>	<p><b>Nashua, NH</b>  2004-2014</p>
<p><b>Glencoe / McGraw-Hill</b>  <i>Teacher Advisory Board</i></p> <ul style="list-style-type: none"> <li>◆ Advised textbook development</li> <li>◆ Created labs and activities for textbooks</li> </ul>	<p><b>Columbus, OH</b>  2005-2006</p>

## KEYNOTES AND PRESENTATIONS

- ◆ Remington, J. (Presenter). (2021, January 18). *STEM & Workforce Development in the Post COVID Economy*. Presented at Three Rivers Educational Technology Conference, Pittsburgh, PA
- ◆ Remington, J. (Presenter). (2020, December 15). *Artificial Intelligence in Education: Leveraging lessons learned from the pandemic to reimagine education's potential*. Presented at Ready for the Future Teachers Subject Forum - Ministry of Education, Virtual, United Arab Emirates.
- ◆ Remington, J. (Presenter). (2021, December 16). *Citizen Science Global Collaboration in the Post COVID Era: Leveraging lessons learned from the pandemic to reimagine global science collaboration*. Presented at Ready for the Future Teachers Subject Forum - Ministry of Education, Virtual, United Arab Emirates.
- ◆ Remington, J. (Presenter). (2020, July 21). *The Transformative Power of Women in STEM*. Presented at STEM Up Network Event - Harrisburg University, Harrisburg, PA.
- ◆ Remington, J. (Presenter). (2020, May 20). *The Transformative Power of STEM in South Africa*. Presented at South Africa Teacher Network, Virtual, South Africa.
- ◆ Remington, J. (Keynote). (2020, February 27). *The Transformative Power of STEM*. Presented at Pennsylvania STEM Teacher Ambassador Training, Camp Hill, PA.
- ◆ Remington, J. (Keynote). (2020, January 22). *STEM 4 All! The inclusive, innovative power of STEM to improve lives, shape the future, and supply a sustainable workforce for the 4th Industrial Revolution*. Presented at Pennsylvania Department of Education's Migrant Education & English Language Learner Conference, Harrisburg, PA.
- ◆ Remington, J. (Keynote). (2019, November 9). *After School Time Is STEM Time! Understanding the importance of STEM in afterschool space*. Presented at Penn-SACCA Conference, State College, PA.
- ◆ Remington, J. (Keynote). (2019, October 14). *Pennsylvania Science Standards: Next Steps*. Presented at Lebanon County Symposium Science Day, Palmyra, PA.
- ◆ Remington, J. (Keynote). (2019, September 27). *STEM in the Special Education Classroom*. Presented at IU 13 Special Education Conference, Philadelphia, PA.
- ◆ Remington, J. (Presenter). (2019, March 12). *STEM for All! Understanding STEM & Inclusive Engagement To Help All Students*. Presented at Be Future Ready - Pennsylvania Department of Education Special Education Conference, Hershey, PA.
- ◆ Remington, J. (Keynote). (2018, October 1). *Advocating for Science and STEM. A glimpse of a state, national, and international STEM journey*. Presented at Pennsylvania Science Teachers Association Conference, State College, PA.
- ◆ Remington, J. (Keynote). (2018, April 1). *The Collaborative Power of STEM / STREaM*. Presented at 4th Annual Arab Gulf Education Forum, Abu Dhabi & Ajman, United Arab Emirates.

## MEDIA

- ◆ Remington, J. D. (Guest). (2021, July 1). Pandemic impacts students and halts education around the world [Radio broadcast]. In S. Lamar (Executive Producer) [Radio broadcast]., Smart Talk. WITF. <https://www.witf.org/2021/06/30/pandemic-impacts-students-and-education-systems-around-the-world/>
- ◆ Remington, J. D. (Guest). (2021, February 25). Smart Talk Virtual Watch Party: Focus on Career & Tech Education (S. Lamar, Executive Producer) [Radio broadcast]. WITF. <https://www.witf.org/2021/01/22/smart-talk-virtual-watch-party-focus-on-career-tech-education/>
- ◆ Remington, J. D. (2020, August 31). Teaching in a pandemic: Preparing for the final leg of a career as if it were a football tryout. *District Administration*. <https://districtadministration.com/teaching-in-a-pandemic-preparing-for-the-final-leg-of-a-career-as-if-it-were-a-football-tryout/?highlight=Jeff%20Remington>
- ◆ Remington, J. (Guest). (2019, October 2). Is it time to update PA's science curriculum? Next Generation Science Standards evaluated as an option [Radio broadcast]. S. LaMar (Executive Producer), *Smart Talk*. WITF. <https://www.witf.org/2019/10/02/is-it-time-to-update-the-states-science-curriculum/>

- ◆ Remington, J. D. (2019, March 27). Cradle through career readiness with STEM. *LinkedIn*. <https://www.linkedin.com/pulse/cradle-through-career-readiness-stem-jeffrey-remington/>
- ◆ Remington, J. (2019, February 16). Jeff Remington: STEM, pot & our prosperity. *Pittsburgh Tribune-Review*. <https://triblive.com/opinion/jeff-remington-stem-pot-our-prosperity/>
- ◆ Remington, J. (2018, June 21). Does Harrisburg value the "S" in Pennsylvania STEM education? *The Philadelphia Inquirer*. <https://www.inquirer.com/philly/opinion/commentary/pennsylvania-education-stem-science-harrisburg-20180621.html>
- ◆ Remington, J. (2018, June 30). Pa. needs to get serious about STEM education. Here's how to make that happen. *PennLive*. [https://www.pennlive.com/opinion/2018/06/invest\\_in\\_education\\_opinion.html](https://www.pennlive.com/opinion/2018/06/invest_in_education_opinion.html)
- ◆ Remington, J. (Guest) (2018, March 1). Journalist and STEM Education (No. 030418) [TV program]. G. T. Madonna (Executive Producer), *Pennsylvania Newsmakers*. JPL Creative Evolution. <https://www.youtube.com/watch?v=SLNDTOJAY5g>
- ◆ Remington, J. (Guest). (2018, January 23). Improving STEM Education [Radio broadcast]. R. Copeland (Executive Producer), *Smart Talk*. WITF. [https://www.witf.org/2018/01/23/improving\\_stem\\_education/](https://www.witf.org/2018/01/23/improving_stem_education/)
- ◆ Remington, J. (2017, December 29). PA can do more to upgrade STEM education. *DELCO Times*. [https://www.delcotimes.com/opinion/guest-column-pa-can-do-more-to-upgrade-stem-education/article\\_1dd8dce1-aeaa-5006-9127-d02ad8f33096.html](https://www.delcotimes.com/opinion/guest-column-pa-can-do-more-to-upgrade-stem-education/article_1dd8dce1-aeaa-5006-9127-d02ad8f33096.html)

### **HONORS and AWARDS**

- ◆ Global Teacher Prize top 50 Finalist (2020) – Sponsored by the Varkey foundation. Over 12,000 teachers from around the world were nominated and 50 were selected as finalists.
- ◆ Secondary STEM Teacher of the Year (2019) – Intermediate Unit 13 for Lancaster/Lebanon Counties and the 22 school districts they serve.
- ◆ National STEM Teacher Ambassador (2017) – One of ten teachers chosen from a field of 135 Presidential Award for Excellence in Science and Mathematics Teaching recipients. Sponsored by the National Science Teachers Association and the National Council for Teachers of Mathematics to promote and advocate for STEM education. This award is funded by the National Science Foundation.
- ◆ Paul DeHart Hurd Award for Exemplary Middle School Science Teaching and Leadership (2014) – A national award cosponsored by the National Middle Level Science Teachers Association and by Delta Education.
- ◆ White House Commendation for Impact in Education (2009) – Recognition for education collaboration in Haiti to facilitate ongoing STEM education.
- ◆ Presidential Award for Excellence in Science and Mathematics Teaching (2002) – A national award cosponsored by the White House and the National Science Foundation.
- ◆ Pennsylvania House of Representatives Commendations for Achievement in Education (2003 & 2017) – Both commendations were presented by separate lawmakers for educational achievements.
- ◆ Nevelyn J. Kinsley Award for Inspirational Teaching by a Lebanon Valley College Adjunct Faculty Member (2003) – Awarded by students and faculty of Lebanon Valley College.
- ◆ Lebanon County Educational Honor Society Outstanding Teaching Award (2013) – Awarded to a regional teacher for accomplishments in education.
- ◆ Project of the Month Award for Innovation and Impact (2010) – Sponsored by Global Giving for a technology collaborative with schools in Haiti.
- ◆ National Education Association delegate to the national Representative Assembly in Washington, DC. (2005). Wrote and proposed a new business item 2005-20 to be adopted by the assembly of 10,000.
- ◆ Cornelius Award for Community Impact (2004) – Sponsored by Arms Around Central Pennsylvania for community impact in education.

**AFFILIATIONS**

- ◆ Advancing Research Impact in Society
- ◆ Pennsylvania STEM Education Coalition
- ◆ Pennsylvania STEM Ecosystem Network
- ◆ Pennsylvania Science Teachers Association
- ◆ National Science Teaching Association
- ◆ Association of Presidential Awardees in Science Teaching
- ◆ Lebanon County Educational Honor Society
- ◆ International Technology and Engineering Educators Association