

## International Institute for STEM Education

Monday–Thursday, Aug. 19–22, 2019 (9 am–3 pm)

Option for Aug. 21–22 only



Join educators from around the world for a two- or four-day program specially designed to share best practices in STEM Education.

Carnegie Science Center is dedicated to improving STEM education for students and is a leader in professional development for teachers. This program offers the opportunity to learn about the global movement in STEM through engaging workshops and the chance to network with STEM educators from across the globe, all while having fun!

- The cost for Aug. 19–22 is \$500.
- The cost for Aug. 21–22 is \$250.
- Registration closes Aug. 12, 2019.
- Travel costs are the participants' responsibilities. Sessions will be conducted in English.

### Monday, Aug. 19

- Take a tour to see STEM education in action. Discover how Carnegie Science Center engages students and educators in STEM.
- Visit our fun hands-on exhibits and the blockbuster touring show Da Vinci The Exhibition.

### Tuesday, Aug. 20

- Learn how to use digital fabrication technologies (such as 3D printers, laser cutters, and CNC machines) during the **Introduction to STEM Making** workshop. Discover the basics through project learning, and explore ways of integrating digital fabrication into your curriculum.

### Wednesday, Aug. 21

- Explore ways to integrate STEM best practices into any classroom during the workshop **What is STEM?** We will discuss how to create a collaborative STEM learning environment and the resources and curriculum tools you can use to incorporate STEM into many subject areas.
- See how you are part of the global STEM movement. Learn about how different countries are integrating STEM into their curriculum and preparing students for success.



- Hear from presenters with different perspectives, including Milena Krumova, PhD, founder and manager of EduTechFlag Ltd. in Bulgaria. Find out about collaborative opportunities and technology.

### Thursday, Aug. 22

- Sharpen your STEM pedagogy skills with professional development from the Teaching Excellence Academy. Learn how to inspire and excite your students about STEM in these areas:
  - Project-based learning (PBL)
  - Inquiry-based teacher strategies
  - Authentic assessments
  - Curriculum integration
  - Educational-technology exploration

Teaching Excellence Academy presented by:



Register at [CarnegieScienceCenter.org/International-Institute](http://CarnegieScienceCenter.org/International-Institute). For more information contact:

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412.237.1616 or [StithT@CarnegieScienceCenter.org](mailto:StithT@CarnegieScienceCenter.org)

- The Aug. 19–22 program will offer 20 hours of Act 48 credit.
- The Aug. 21–22 program will offer 12 hours of Act 48 credit.