

International Institute for STEM Education and Advancement

Tuesday–Friday, July 3–6, 2018 (9 am–4 pm) | Option for July 5–6 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 the four-day Institute is \$500.
- The cost for the two-day program July 5–6 is \$250.
- Registration closes June 15, 2018.
- Travel costs are the participants' responsibilities. Sessions will be conducted in English.

Tuesday, July 3

- Discover the educational culture in other countries, and learn how Carnegie Science Center engages students and educators in STEM.
- Take a tour to see STEM education in action.
- Visit our fun, hands-on exhibits and the blockbuster touring exhibit The Art of the Brick.

Wednesday, July 4

- Learn how to use digital fabrication technologies (such as 3D printers, laser cutters, and CNC machines) during the **Introduction to STEM Making** workshop. You will discover the basics through project learning and explore ways of integrating digital fabrication into your curriculum.
- In the evening, experience a beloved American Independence Day tradition, a spectacular Fourth of July fireworks display!

Thursday, July 5

- Explore ways to integrate STEM best practices into any classroom during the workshop titled **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 participate in 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, Ph.D., founder and manager of EduTechFlag Ltd. in Bulgaria. Find out about collaborative opportunities and technology.

Friday, July 6

- Focus on project-based learning (PBL) during the workshop titled **Building Your PBL Classroom** workshop, so you can inspire and excite your students about STEM. Learn how to develop projects that address real-world problems and engage students by integrating curriculum.
- Spend time with students to see how classes can be more focused on inquiry with the workshop titled **Learning through Inquiry**. This includes lessons and activities that are driven by student curiosity and give students the chance to practice their STEM skills.

Register [HERE](#). For more information contact:

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- The July 3–6 program will offer 20 hours of Act 48 credit.
- The July 5–6 program will offer 12 hours of Act 48 credit.

Teaching Excellence Academy presented by:

