

## STEM Day at Wayne State University March 2018

### College of Education Summary

Wayne State's second annual STEM Day drew over 2,000 local students who participated in more than 70 interactive sessions (19 from Education) on Tuesday, March 13.

The event, was held from 10 a.m. to 1 p.m. at various campus locations, and focused on science, technology, engineering and math (STEM) education and possible careers. Sixth-through ninth-grade students from approximately 15 school districts in Wayne, Oakland and Macomb counties learned how these fields can create pathways toward careers while enjoying fun sessions including coding, volcano-building, fire tornadoes, walk the line and walking on water. Participants also viewed demonstrations on brain games, crash test dummies and repairing broken bones. Our college was a major stakeholder this year and below are the staff, students and faculty who made this day come together from our college.

- Presentations
  - Lori Lucas
    - Fun with Coding
  - Jeanne Barcelona
    - Youth Empowerment: Solving Community Health Problems through Grassroots Efforts
  - Web 2.0 Apps to Ace
    - LaSondra Dawn and A'Kena LongBenton
  - Got Code? Hands on Intro to Apps
    - Mary Waker and Cheslea Smith
  - Red Cabbage pH Indicator
    - Danielle Jafer (Student Teacher)
  - Walk the Line
    - Asli Koca and Jennifer Lewis
  - Set Sail with STEM
    - Sandy Yarema, Elsie Babcock and Marian Tate
  - Invent Tech: Makey Makey and Imagination
    - Ashley Lumpkin and Fariha Ghazi
  - Edible Earth Aquifer
    - Leah van Belle and Thomas Kay (Morris Hood student)
  - Your Brain on Sugar
    - Kristen Kaszeta
  - Gretchen Mohney
    - Sports Medicine Concepts in the Athletics Training Profession
  - Brain Games
    - Cheryl Somers
  - Smartphones and Learning Technologies

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- LDT Graduate Students
- Tower Building Challenge
  - Jason Bodson (Student Teacher)
- Innovation in Medicine
  - Sean Carroll and Ramy Habib (Tech Town)
- Fun with Electromagnets
  - Damecia Donahue
- Coding 101
  - Marlin Williams (Tech Town)
- Volunteers
  - Dazmonique Carr (Student Ambassador)
  - Donna Carroll (Education STEM Day Committee representative)
  - Tracy Walker
  - Kevin Carroll
  - Keith Myszenski
  - Theo Eisenstein
  - Jeff Lisiecki
  - Julie Osburn (Education STEM Day Committee representative)
  - Kurt Troutman

Attendees experienced Wayne State through campus tours and a complementary lunch. STEM Day is a free event and open to teachers and their classes, as well as individual and homeschool students. Last year we reached capacity quickly and closed registrations at 1,000. This year we doubled our available spots and had to close registrations after reaching our 2,000 capacity — in just 10 minutes.

Major stakeholders include Wayne State’s College of Liberal Arts and Sciences, College of Education, College of Engineering, Eugene Applebaum College of Pharmacy and Health Sciences, College of Nursing, and School of Medicine.

For a full description of all STEM sessions and activities and other important event information, go to [wayne.edu/stemday](http://wayne.edu/stemday).