

## **Summary of Engineering Education Summer Conference (EESC) for 2008, 2009, 2010, 2011, and 2012**

June 19, 2012 by Diane Burrowbridge

- **June 17-19 2008:** The first Engineering Education Summer Conference was held as part of the Garrett A. Morgan Technology and Transportation Education Program grant (GAMTTEP) with Shaker Heights High School (SHHS). The EESC was held as a way for Joe Marencik, Physics and Engineering Applications teacher at SHHS, to disseminate the information he gathered while developing and teaching the first year of his Engineering Applications Course---created as a result of obtaining the GAMTTEP grant. 23 teachers attended from grades K-12, from Northeast Ohio and one from Michigan. All three days started and ended at Shaker Heights High School. Day 1 Joe Marencik presented his Engineering Applications Course at Shaker Heights High School. Day 2 involved a trip to the Great Lakes Science Center in the morning and CSU in the afternoon. Day 3 was a visit to the Cleveland Clinic Lerner Institute and Biomedical Engineering Labs for the morning and back to CSU in the afternoon.
- **June 23, 24, 25, 2009:** 2<sup>nd</sup> Annual Engineering Education Summer conference. June 23 at Shaker Hts. High School, June 24 at GE Nela Park MC2STEM High School, June 25 at CSU. 39 teachers attended (5 of those teachers also gave presentations).
- **June 22-24, 2010:** 3<sup>rd</sup> Annual Engineering Education Summer Conference. 8 elementary teachers, 18 Middle grade teachers, 21 High School teachers attend(47 total) and 7 additional teachers, 1 graduate student(Katie K), and 4 CSU undergraduate students gave presentations. Held at Shaker Heights High School, CSU and the Great Lakes Science Center.
- **June 14-16, 2011:** 4<sup>th</sup> Annual Engineering Education Summer Conference(EESC) at CSU, Julka Hall and NASA Glenn (1 day). 55 teachers/administrators attended with 11 teacher/ CSU staff presenters.
- **June 12 and 13, 2012:** 5<sup>th</sup> Annual Engineering Education Summer Conference (EESC) was held at CSU, in Stilwell Hall and Julka Hall. 33 teachers attended, with an additional 7 teachers as presenters over the two days.