SC STEM Advisory Board Minutes October 18, 2013

1. Welcome and Roll Call
   1. Members Present: Byron, Chai, Corbin, Derry, Dhawan, Ernst, Henshaw, McCaulley, Pattison, Peck, Sharpe
   2. Members Absent: Barajas, Bontrager, Duda, Hensen
   3. Guests: Jan McMahill, Representative Mary Gaskill
2. Approval of the minutes from September 27, 2013
3. Progress Reports
   1. Dhawan:
      1. I/OWA Conference October 10-11 was a success
   2. Sharpe:
      1. Seeks information about standard chemical waste disposal for high schools. Peck will send information.
   3. Peck:
      1. Carolina and EiE trainings complete
         1. Carolina is updating all AEA kits for free
         2. November 21st Carolina notebooking session scheduled
      2. iExplore festival in Ottumwa with Indian Hills CC in the planning phases for Spring.
4. Update on 2013-14 Scale-up and Budget
   1. Budget Report (posted on scstemhub.drake.edu)
   2. STEM Associate Opening Posted
   3. CASE Awardees Announced
   4. iExplore festival October 29th at Drake University
5. Microsoft IT Academy and Certifications for Iowa
   1. Program Overview
   2. Ideas for implementation – 150 sites, state-wide
      1. Suggestion: negotiate the number of programs offered to increase the number of sites across the state. EX: Limit to Excel and Word for more sites.
   3. Questions for committee – none
6. South Central STEM Advisory Board FY2014
   1. State STEM Advisory Council Goals- Regional Board ideas
      1. Engaging local business
         1. Create conditions for four levels of experience: exposure, experience, mentorship/internship, and employment
         2. One-stop website for business-school partnerships
            1. (asks and offers)
            2. Bring your favorite lab/website to share for STEM resource database
      2. Guidelines for STEM classrooms
         1. Attract teachers to the state with great facilities
         2. Have STEM schools serve as a model?
         3. Ideas to consider in a lab space:
            1. Lines of sight for safety
            2. How many air flow changes in an hour?
      3. Student voice: iExplore post-surveys
   2. Action towards FY2014 SC Advisory Board Goals
      1. STEM session at Iowa School Counselor’s Association Conference November 5th
7. Next Meeting Dates and Locations
   1. Monday November 18th 1:30-3:30pm, Drake University, Des Moines
   2. No December meeting
   3. January 20th 1:30-3:30pm, DuPont Pioneer, Johnston
   4. All Iowa STEM Regional Advisory Board Member meeting: February 13th 2pm State Capitol Building, Des Moines