



# South Central Iowa STEM Region

## Drake University

### ***Vision for STEM***

#### **Community**

- All citizens recognize the importance of STEM
  - Media about STEM in schools is positive
  - Citizens use STEM literacy to make informed decisions
  - There is a broad hunger to be a part of STEM
- There is an environment that supports/promotes STEM
- Citizens appreciate the social impact of STEM

#### **Business and Industry**

- Companies that are STEM driven find college graduates to fill job openings and these graduates need to meet the expectations of the businesses related to their knowledge and skills
- New businesses and industries move to Iowa or conduct business in Iowa because the workforce has the STEM knowledge and skills and the employability skills to promote business success and growth
- Iowa is a leader in innovation
- Members of business and industry are active in pK-12 education serving as mentors to students and partners with teachers.

#### **pK-16 Schools and Educational Program Providers**

- Teachers are prepared to teach STEM and are confident in their ability to teach STEM
- Teachers have access to exceptional professional development and play a role in designing their own professional development
- Students are actively engaged in STEM learning that is academically rigorous in a real-world context
- Through STEM education, students develop their employability skills.
- Students have opportunities to interact with leaders in STEM business and industry