



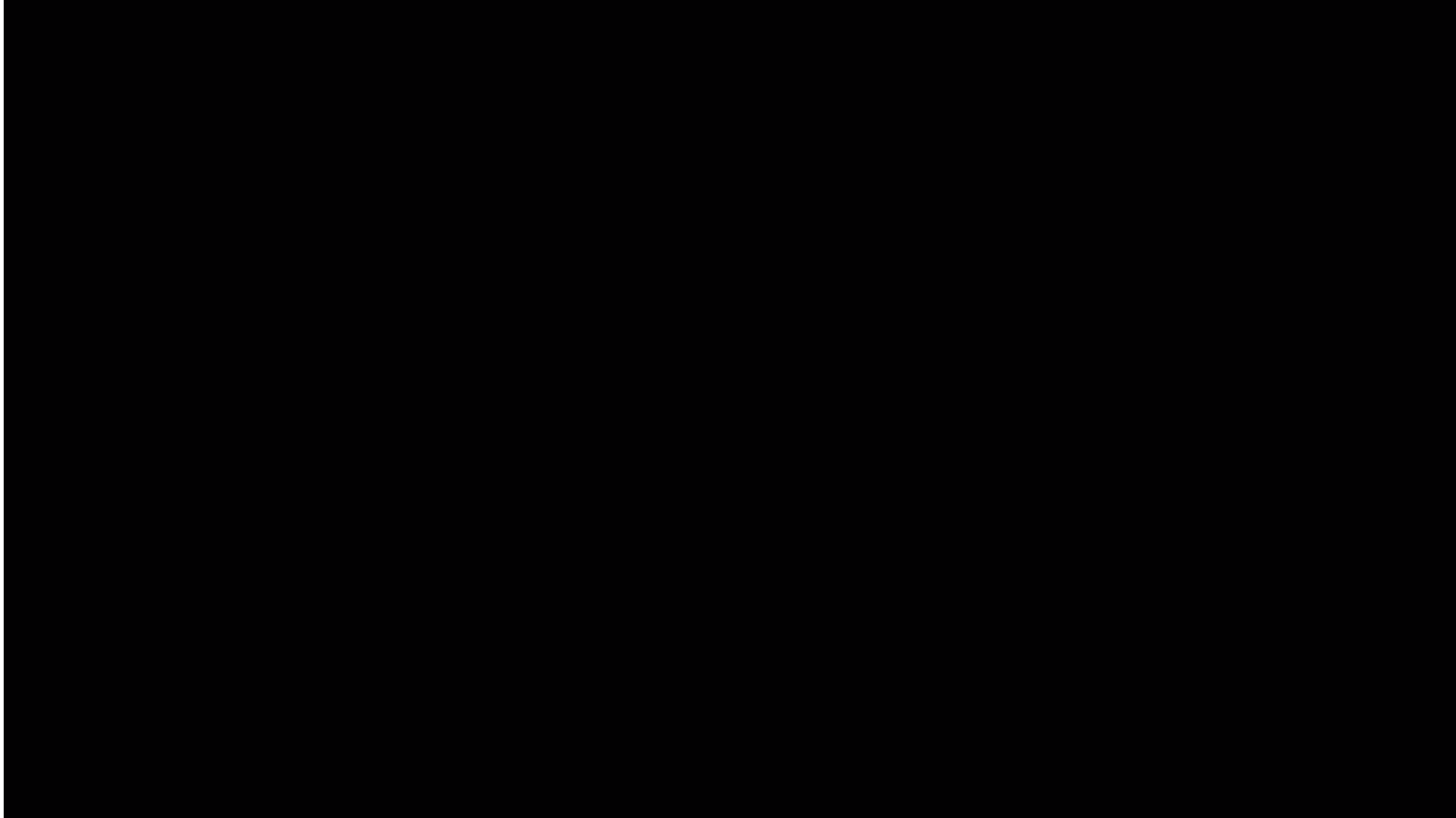
Micron Foundation Dee Mooney

Inspiring Innovation Around the World

Micron Design Center, Manufacturing and R&D Locations



Micron – Who We Are...



Micron Foundation

Supporting Education and Our Communities

Sparkling a **Passion**



Supporting educators to promote robust education in the areas of science, technology, engineering and mathematics (STEM).



**K-12 and University Outreach
Education Grants**

Engineering the **Future**



Showing students how STEM plays a role in everyday life and can be a part of their future.



**K-12 Programs
University Research**

Enriching the **Community**



Improving the quality of life in the communities in which our team members work and live.



**Volunteerism
Community Giving**

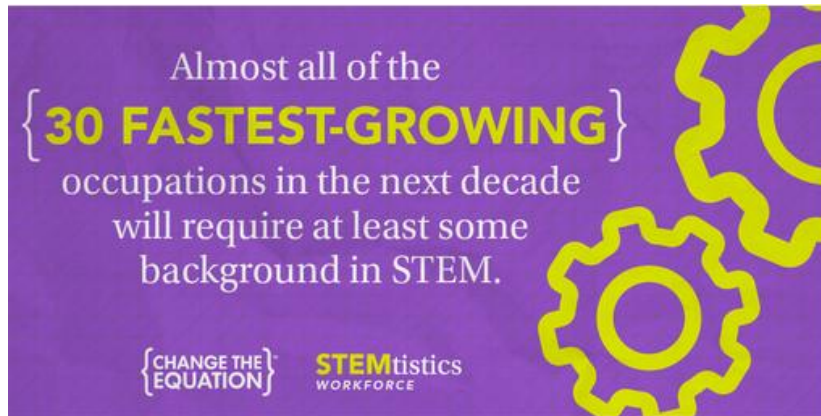
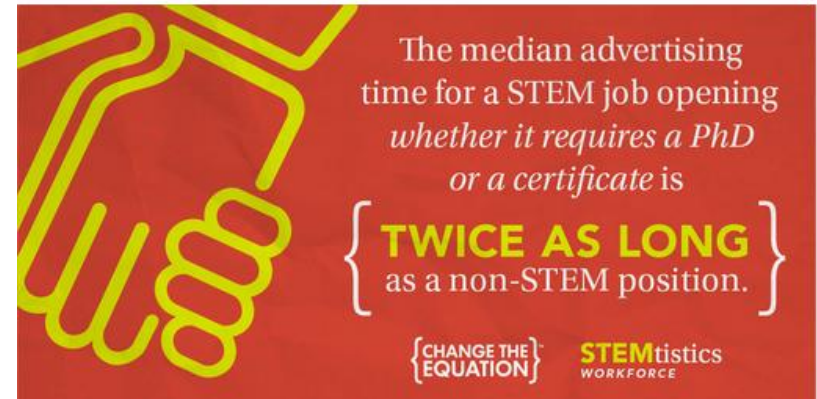
Mission:

The Micron Foundation strives to build a strong community and promote robust education in the areas of science, technology, engineering and mathematics (STEM). Through our strategic support of local non-profits, K-12 schools and higher education institutions, we support the communities where our employees live, work and volunteer.

Founded: October 1999

Average Annual Giving (global): ~\$5M

U.S. STEM Statistics



* Source: *Changetheequation.org* , *STEMtistics*

Top three emerging degree areas for Idaho employers



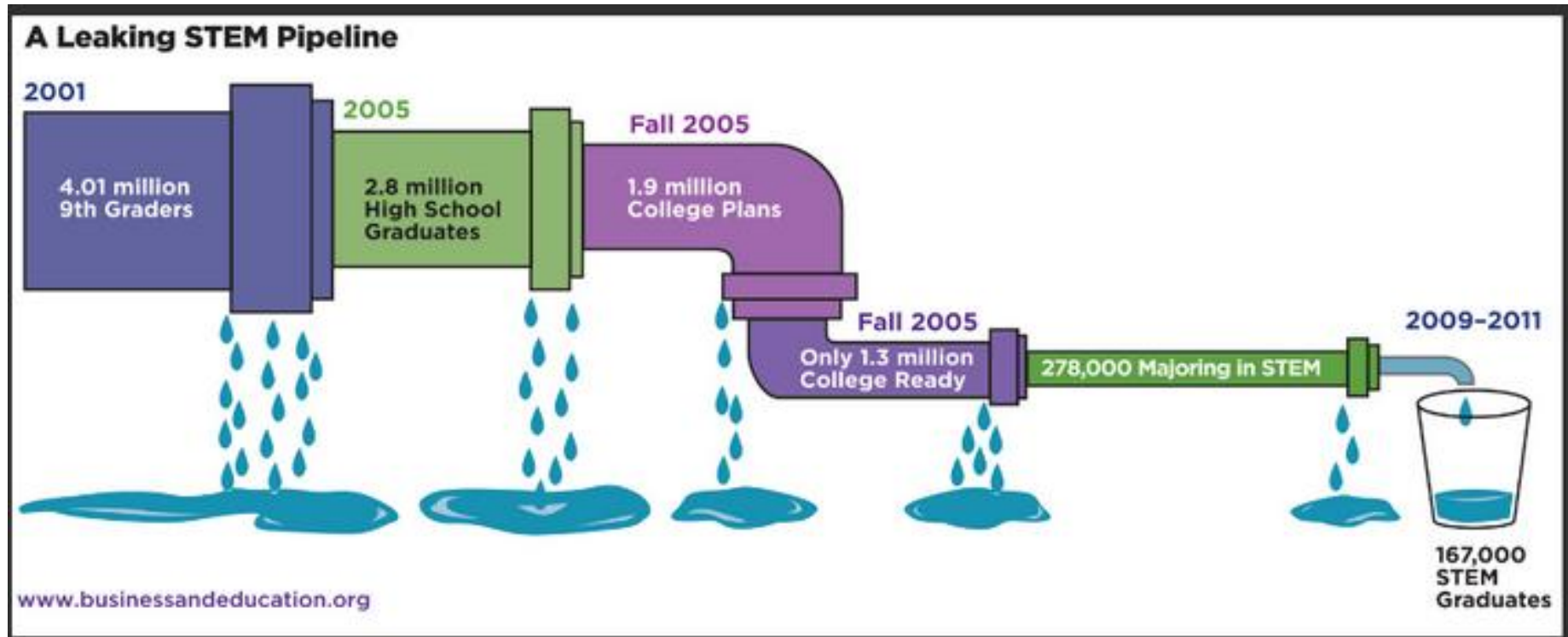
Computer Science/technology

Business and Economics

Engineering

** Source: IBE Workforce Needs Survey*

STEM Career Interest



Survey - Why Do you want to be an engineer?

▶ What makes you want to be an engineer? (multiple responses ok)

- **Like to problem solve – 76.5%**
- Like math and science – 71.6%
- Money – 58.1%

▶ Do you know someone who is an engineer?

- Yes – 80%

Parent (usually dad) = 18.2%

Relative (other than parent) = 29%

- Uncle = 10.6%

Teacher = 1.3%



Our *Engineering the Future* programs provide student-gearred activities to help students have hands-on experiences and see how STEM plays a role in everyday life.



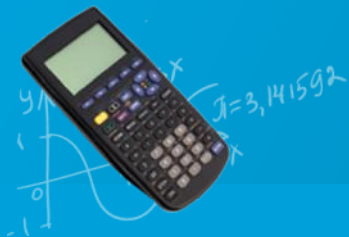
Engineering the Future



- **Programs geared directly towards students**
- **Outreach includes:**
 - K-12 Hands-on lessons
 - Chip Camp & other student programs
 - Career Awareness Programs
 - Idaho Science & Aerospace Scholar Partner
 - Competitions
 - Discover Technology science bus
- **By the numbers (2013-14):**
 - Served over 16,000 students
 - Participated with over 100 schools



Sparking a **Passion**



Our *Sparking a Passion* programs support teachers & faculty in their quest to “spark a passion” for STEM topics.

- **Programs partner with teachers and faculty K-20**
- **Outreach includes:**
 - K-12 grants
 - K-12 volunteer outreach
 - Professional Development for Educators:
 - Idaho iSTEM Institute Facilitator
 - Preparing New Teachers:
 - I Do Teach program
 - Teach For America sponsor (2015-16)
- **By the numbers (2013-14):**
 - Served over 1,000 teachers & counselors in all programs

Idaho STEM Status

- ▶ Many companies, foundations, schools, universities, non-profits, etc. promoting and supporting STEM activities
- ▶ Efforts are good, alignment is disjointed
- ▶ Need good teachers, strong curriculum, hands-on experiences and exposure to careers



