

WHY STEM?

“STEM education will determine whether the United States will remain a leader among nations and whether we will be able to solve immense challenges in such areas as energy, health, environmental protection and national security.”

– President’s Council of Advisors on Science and Technology, 2010



STEM STATION

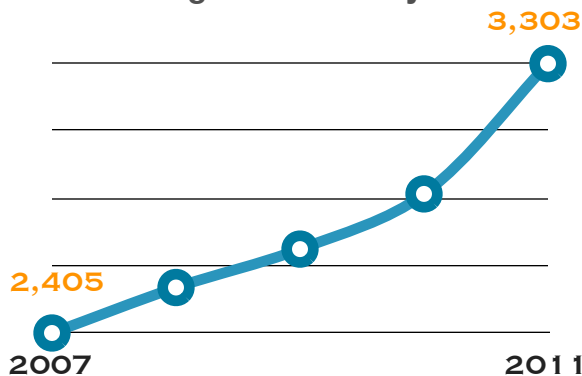
Science
Technology
Engineering
Mathematics

STEM Station is a catalyst, a community, a culture.

The STEM Station at Boise State University involves a consortium of more than a dozen National Science Foundation STEM education initiatives and research programs, in conjunction with partners from Academic Affairs, Student Affairs, and Research and Economic Development. Together we further STEM student and faculty success integrating learning and life, and teaching and research.



STEM Enrollment*
at Boise State University
37% growth over 4 years



Boise State University is well positioned to advance STEM education with exceptionally strong STEM enrollment that exceeds national trends.



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ACADEMIC & CAREER SERVICES BUILDING
(ACS) ROOM 104 / Mail Stop 1155



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<http://www.nsf-i3.org/>

* STEM fields are natural, physical and biological sciences, engineering disciplines, computer science, information technology and mathematics. – (November, 2011)

Integrating Learning & Life

Academics - Career
Teaching - Research - Service

BOISE STATE
UNIVERSITY



Our Mission

Connect STEM students with resources that create relevance to classroom learning and stimulate personal development.

Support STEM faculty expertise in scholarly teaching, education research and interdisciplinary teams.

Integrate NSF-sponsored and related programs that support STEM success, diversity and K-20 education initiatives.

Research the influence of the STEM Station on faculty and student development and transitions through critical junctures.

Engage STEM faculty and students together in research and service-learning to address energy, environment, education, health care and other grand challenges.



“A primary driver of the future economy... While only 4% of the nation’s work force is composed of scientists and engineers, this group disproportionately creates jobs for the other 96%.”

– *National Academy of Sciences, 2010*

Connect Up

Wherever you are in your professional journey, from first-year student to tenured professor, you'll find connections and community at the **STEM Station.**

Deepen your learning.

Make meaning of your experiences.

Integrate learning and life.

STEM Resources

For students


- Research and internship access
- STEM-specific academic and career resources
- National Science Foundation student programs – LSAMP, REU, STEP, Scholarships, EPSCoR and more
- Learning Assistants experiential learning program in STEM courses

For faculty, graduate students and staff

- Workshops on STEM teaching best practices and education research
- Online and in-Station reference materials
- STEM Education Research Scholars
- Comprehensive STEM statistics & research grant boilerplate
- Interdisciplinary connections and community

Visit the STEM resource center

 stem.boisestate.edu

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