

Strategic STEM Initiative

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- ▶ The purpose of the Committee is to engage appropriate offices and stakeholders on campus and in the community to ensure that 2- and 5-year goals outlined in the STEM Initiative Goals and Objectives are met.
 - ▶ Three Subcommittees:
 - Students
 - University
 - Outreach
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- ▶ **Two-year Objectives:**
 - ▶ Increase number of majors and graduates in “high-demand” STEM fields.
 - ▶ Develop an academic plan to provide infrastructure for supporting STEM faculty scholarship
 - ▶ Develop plan for a second science bldg
 - ▶ Increase funding from external grants and contracts
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- ▶ President's Summer Fellows Award and Provost's Faculty Resource Fund
 - ▶ Faculty Development mini-grants continue to be awarded
 - ▶ Provost funds the upkeep of the NMR
 - ▶ Promote community awareness in STEM
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▶ **Five-year Objectives:**

- ▶ Increase the number of under-represented students in the STEM pipeline.
 - ▶ Continue to increase number of majors and graduates in “high-demand” STEM fields
 - ▶ Bring CI above the median CSU level of achievements in STEM disciplines
 - ▶ Completed request for a second science building
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- ▶ Promote community awareness in STEM
 - ▶ Strengthen Early Assessment Program (EAP)
High School Partnerships
 - ▶ Develop a coordinated STEM outreach program
 - ▶ Strengthen relationships with community college partners in STEM
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PROGRESS!

- ▶ Increase number of majors and graduates in “high-demand” STEM fields.

MAJORS INCREASED BY 2%

GRADUATES INCREASED BY 1.5%

- ▶ Develop an academic plan to provide infrastructure for supporting STEM faculty scholarship

CONTINUING

North Hall and West Hall

- ▶ Develop plan for a second science building
PLAN HAS BEEN DEVELOPED
West Hall will help with some of our programs
 - ▶ Increase funding from external grants and contracts
\$6,208,058 in this fiscal year
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- ▶ President's Summer Fellows Award and Provost's Faculty Resource Fund
 - ▶ Faculty Development mini-grants continue to be awarded
 - ▶ Provost funds the upkeep of the NMR
 - ▶ **ALL CONTINUE TO BE FUNDED DUE TO THE GENEROSITY OF THE PRESIDENT AND PROVOST**
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- ▶ Promote community awareness in STEM
 - **A CONTINUING GOAL**
 - **PROGRESS HAS BEEN MADE WITH MANY CONSTITUENCIES; PRIMARILY THE PUBLIC SCHOOLS and COMMUNITY COLLEGES**

- ▶ Increase the number of under-represented students in the STEM pipeline.

HAS INCREASED BY 5%

- ▶ Bring CI above the median CSU level of achievements in STEM disciplines

MAKING SIGNIFICANT STRIDES IN THIS AREA; EXTRAORDINARY DUE TO OUR SIZE

▶ Promote community awareness in STEM
ONGOING

▶ Strengthen Early Assessment Program (EAP)
High School Partnerships

**PARTICIPATION OF HIGH SCHOOL
STUDENTS IN EAP HAS INCREASED 5%**

- ▶ Develop a coordinated STEM outreach program

ONGOING – SUPPORT IS NOW AVAILABLE FOR THE SCIENCE CARNIVAL SCIENCE EXPO AND SCIENCE FAIR

HAVE PROVIDED SERVICE LEARNING IN STEM COURSES AS WELL AS IN-SERVICE TEACHER WORKSHOPS

- ▶ Strengthen relationships with community college partners in STEM

**SIGNIFICANT IMPORTANT
RELATIONSHIPS FORGED WITH
COMMUNITY COLLEGE PARTNERS
THROUGH OUR GRANTS AND THEIRS.**

