

Grant Funding Workshop

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CENTER FOR INNOVATION AND EXCELLENCE IN TEACHING AND LEARNING
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Workshop Topics

1. Funding options and research
2. Funders' requirements
3. Program and proposal development
4. Grant development support



Funding Options

Private Foundations

- Big national foundations
- Local family foundations
- Local family funds
- Operating foundations
- Corporate foundations



FORDFOUNDATION

Funding Options

Community Foundations—Pool donations to make grants dedicated to the social improvement of a particular region.

Examples:

- Silicon Valley Community Foundation
- San Francisco Foundation
- East Bay Community Foundation

Funding Options

Federal agencies with grant programs—
Provide funding in line with the agency's
mission, goals, and Congressional mandates.

Examples:

- US Department of Education
- National Endowment for the Humanities
- National Science Foundation
- Institute of Museum and Library Services
- National Institute of Health
- National Institute of Food and Agriculture



Funding Options

State agencies:

- CCCCO administers state grant initiatives.
- Other state agencies also have grant programs

Example: California Arts Council

<http://www.cac.ca.gov/programs/>



Funding Options

- Charitable trust—A set of assets designated for stated charitable purpose with public benefits.
- Individual donor—Individual who makes charitable, tax-deductible donations



Funding Research



NATIONAL
ENDOWMENT
FOR THE
HUMANITIES

- Federal grants database www.grants.gov
- Specific federal agency sites:
 - www.ed.gov/fund/grant/apply/grantapps/index.html
 - www.neh.gov/grants
 - www.nsf.gov/funding
 - www.imls.gov/applicants/available_grants.aspx
 - <http://grants.nih.gov/grants/guide/>
 - <http://www.csrees.usda.gov/business/business.html>

Funding Research

- Fundsnet—Free lists of funders by funder type or by funding category www.fundsnet.services.com
- Foundation Center—www.foundationcenter.org
Can do free search for basic information about a particular philanthropic organization. Must go to SF office or subscribe (for fee) to do detailed searches.
- Foundation websites—Most foundations post grant guidelines and procedures on their website

Funders' Requirements

Funders want grant applicants to be informed about the funder's grant goals, guidelines, and application procedures.



Funders' requirements

Funders support a variety of projects:

- General or operating support
- Program-specific support
 - Planning or start-up
 - Taking to scale or replication
 - Technical assistance
- Facilities or equipment
- Research
- Matching grants
- Endowments

Funders' Requirements

Let's look at sample grant guidelines and RFPs.

- Federal—IMLS's Sparks! grants for libraries
- Community foundation—SVCF's AELA
- Family foundation—Atkinson Foundation
- Corporate foundation—AT&T Aspire

Program and Proposal Development

Grant requests get funded because of the **quality of the project** they describe, **not** because of **the writing** itself.

You must describe a good idea that fits within the grant guidelines, addresses a real need, and is something you can implement.



Program and Proposal Development

- Identify the need or problem you are addressing
- Develop approaches to address need/problem
 - Determine **goals** of project
 - List **objectives**
 - Clarify **activities** to be completed
 - Identify outcomes and how to track them
- Shape your implementation plan:
 - List tasks and timeline (what, who, when)
 - Identify staff and other resources required
 - Shape a budget based on resources required
- Create an evaluation plan
- If required, develop a dissemination plan & a sustainability plan.

Program and Proposal Development

Example: MSEIP

Identification of Need: Underrepresentation of minorities in engineering: National, State, Silicon Valley, Cañada → reasons

Goal A: Increase the number and percentage of underrepresented students transferring as engineering majors

Objective 1. Increase students' academic preparation

Activity 1.1 - Math Jam

Activity 1.2 - College success workshops

Objective 2. Increase awareness of and interest in Engineering as a future career

Activity 2.1 - Summer Engineering Institute

Activity 2.2 - Student Clubs, Conferences, Industry visits

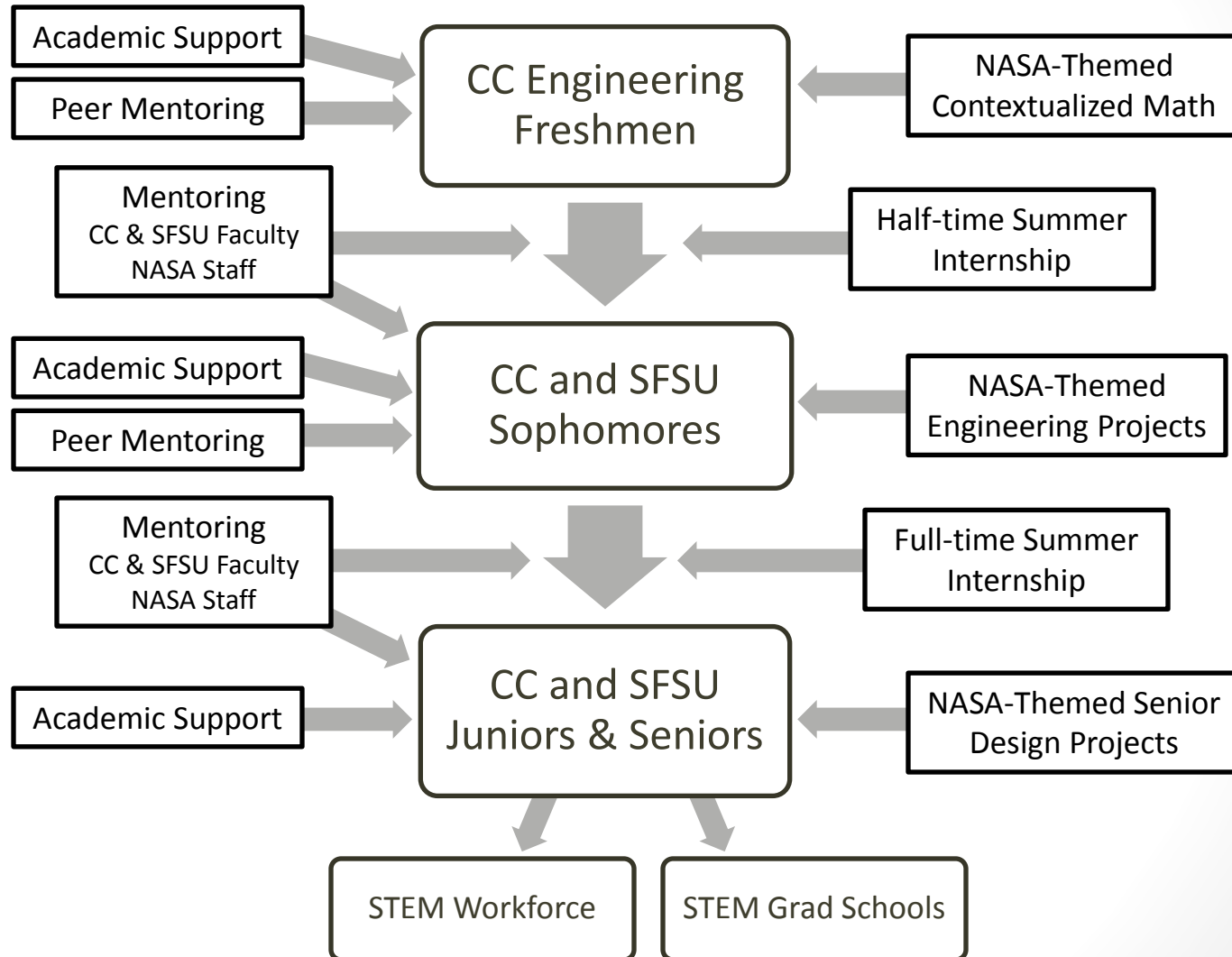
Objective 3: Improve retention and success

Activity 2.1 - Provide tutoring

Activity 2.2 - Internships

Activity 2.3 - Academic Counseling

COMETS PROGRAM DESIGN



ASPIRES Logic Model

Needs & Barriers

Inputs

Activities

Outputs

Outcomes

Short Term

Long Term

Students' efforts to earn a degree in STEM are hindered by a lack of access to financial capital

Financially Needy STEM Students

NSF Scholarships

ASPIRES students receive scholarships.

Increased ASPIRES student persistence

Increased student transfer

Students' efforts to earn a degree in STEM are hindered by a lack of access to academic capital, particularly in advanced STEM courses

ASPIRES Peer Instructors

Peer Instruction

High performing students in advanced STEM courses instruct peers.

Increased ASPIRES student success in higher level STEM courses.

Increased student success at university

Students' efforts to earn a degree in STEM are hindered by lack of access to cultural and social capital (i.e. Engagement with faculty and community members familiar with the process of pursuing a degree and career in STEM; Participation in STEM related associations)

Center for Innovation and Excellence in Teaching and Learning

Faculty Mentor Orientation

Cañada STEM faculty trained to mentor ASPIRES participants.

Increased STEM faculty participation in mentorship

Increased number and diversity of STEM professionals

University and Industry Partners

STEM Speaker Series Roundtables

Students engage with faculty and researchers through undergraduate research

Improved student self efficacy and locus of control

Cañada College STEM Faculty and Staff

Summer Research Internships

ASPIRES Scholars (Honors Transfer)

Students engage in scholarship and become prepared for transfer to a university

STEM Professionals (Community)

ASPIRES Scholars (Honors Transfer)

Participation at professional conferences

Increased student access to cultural and social capital

Cañada MESA & STEM Center Resources

ASPIRES Scholars (Honors Transfer)

ASPIRES students present research to family and campus community, and participate at professional conferences.

Increased student participation in internships and / or undergraduate research

ASPIRES Parents and Family Members

MESA & STEM Center Support Services

Scholar Symposium (Students, Faculty and Family)

CALSTEP Logic Model

Barriers

Inputs

Activities

Outputs

Outcomes

Short Term

Long Term

Community colleges are hindered in their efforts to support students to earn degrees in engineering due to: diseconomies of scale (small class sizes), variability of courses required by four-year engineering lower-division curriculum

Community college students have been supported in their efforts to earn a degree in Engineering through the development of online lecture courses (ONESTEP) but are hindered by lack of access to online Engineering lab courses

Community College Engineering Majors

Engineering Faculty at CC, CoM, and MPC

Joint Engineering Program (JEP) partner institutions

Summer Engineering Teaching Institute (SETI) curriculum

CCC Confer

Engineering faculty at other California community colleges

Engineering Liaison Council Teaching Techniques Sessions

Engineering programs at bachelor's degree granting institutions

Enhance existing resources for online engineering lecture courses

Develop resources for online laboratory activities and alternative lab schedules

Develop flipped / emporium classroom models low-engineering courses

Pilot, evaluate, and revise curricula in partner institutions

Develop and implement program to train community college engineering instructors in adopting the curricula

Promote curricula to 4-year institutions

Online laboratory curriculum for lower-division engineering courses

Alternative models of engineering laboratory courses

Alternative classroom models for low-enrollment engineering lecture courses

Evidence-based practices in online teaching and alternative classroom models for engineering

Curriculum for training faculty in adopting alternative pedagogies in engineering

Articulation agreements for the newly developed engineering courses

More engineering courses available at community colleges

Increase in the number of community college students pursuing engineering

Improved student retention and success in engineering courses

More community college engineering faculty exploring alternative classroom models

Better alignment of engineering courses in community colleges

Improved articulation of community college engineering courses with four-year engineering programs

Stronger community college transfer engineering programs

Increase in the number of community college students successfully transferring as engineering majors

Shorter time for engineering degree completion

Increase in the size and diversity of the engineering workforce

Program and Proposal Development

Now we will work in small groups to develop ideas based on the upcoming Hispanic-Serving Institutions (HSI) Title V grant application.

See HSI Title V grant program summary.



Program and Proposal Development

Write your proposal:

- Describe and prove need
- State goals, objectives, activities, outcomes
- Address specific funder priorities
- Answer reviewer questions
- Organize to align with RFP
- Follow formatting requirements



Program and Proposal Development

Grant Submission:

- Review requirements weeks in advance
- Give yourself plenty of time to make deadline
- Give plenty of notice to others involved
- Have someone else double check your work
- Submit all documents required



Program and Proposal Development

Successful proposals:

- Align with the funder's goals and guidelines
- Describe a problem and provide evidence of it
- Show how proposed activities address problem
- Explain the positive impact of the project
- Show how impact will be measured and tracked
- Include formative evaluation measures
- Illustrate organizational capacity to do the work

Grant Development Support

You have help here! The GRD office can help you:

- Research possible funders
- Make contact with potential funder
- Facilitate development of a project
- Align project with college's and funders' goals
- Complete and submit grant proposal
- Complete interim and final reports

Final Words of Wisdom

- Even if your project is not perfect, try applying
- You learn about the process
- You get feedback from reviewers
- You can use your idea to seek other funding
- Be a proposal reviewer for a funding program, if you can



Grant Development Support

Grants and Resource Development Office:

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