



Proposal Approval Summary Form

This form must be completed, returned to the Grants Office, and reviewed by President's Cabinet before submitting a grant proposal. If you have any questions regarding this form or the proposal development process, please contact the Grants Office at grants@mtsac.edu.

Principal Investigator/Project Director

Name	Rebecca Walker	Department	Earth Sciences
Email	rwalker@mtsac.edu	Phone	909-274-6339

Other Project Collaborators

Name		Department	
Name		Department	
Name		Department	
Name		Department	

Funding Opportunity Details

Opportunity Name	IUSE: Innovation in Two-Year College STEM Education (ITYC)		
Sponsoring Agency	National Science Foundation		
Pass-through Entity (if applicable)			
Sponsor Type	<input type="checkbox"/> Local <input type="checkbox"/> State <input checked="" type="checkbox"/> Federal <input type="checkbox"/> Private		
Proposal Type	<input checked="" type="checkbox"/> New <input type="checkbox"/> Renewal <input type="checkbox"/> Resubmission <input type="checkbox"/> Amendment		
Submission Deadline	December 11, 2024, by 5pm		

Funding Amount	\$166,212	Project Duration	2 years
Proposed Start Date	1/1/2026	Proposed End Date	12/31/2027

Does the opportunity require 501(c)(3) status?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	If yes, the project team must coordinate the submission with the Mt. SAC Foundation.
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Are indirect costs allowed? (check appropriate box)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No	Indirect Cost Rate (if applicable)	30% of salaries+benefits
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Is match required? (check appropriate box)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Match Amount (if applicable)	
If match is required, how do you intend to satisfy this requirement?			


Project Summary

Use the following prompts to provide an overview of the proposed project. If desired, attach additional information to this form.

<p>Project Description</p> <p>What need will the project address? What activities will be implemented?</p>	<p>The project will offer a program of workshops and associated activities for two-year college geoscience and other STEM faculty to develop National Science Foundation grant proposals. The program will encourage and mentor two-year college (2YC) geoscience faculty from across the country to develop grant proposals for submission to relevant programs in the NSF Division of Undergraduate Education (e.g., ITYC, IUSE, S-STEM) or the Directorate for Geosciences.</p>
<p>Expected Outcomes</p> <p>What are the project's expected benefits/outcomes?</p>	<p>This program will: (1) Introduce workshop participants to NSF grant opportunities that are particularly suitable for 2YCs as the lead institution; (2) Support 2YC faculty teams in developing, writing, and submitting NSF proposals, thus increasing the number of 2YC proposal submissions to NSF; (3) Build a community of 2YC faculty members who will be writing planning grants, single or multi-institutional grants, or conference proposals; and (4) Build expertise and confidence for developing NSF proposals in 2YC faculty and relevant campus personnel, which has the potential to transform engagement of 2YCs with NSF.</p>
<p>Partners</p> <p>If applicable, list partners and their roles in the project. Will Mt. SAC issue sub-awards?</p>	<p>Mt. SAC will be the lead of a collaborative project with Highline College and Suffolk County Community College. If the grant is approved, each institution will receive funding directly from the National Science Foundation to collaborate on the project.</p>
<p>Budgetary Needs</p> <p>Describe the project's budgetary needs. For personnel, specify type(s). For faculty reassignment/overload requests, specify the names and planned allocation of time.</p>	<p>Budgetary needs include overload LHE for the Principal Investigator, short-term hourly wages, travel and conference, publication, Zoom license, consultants, and indirect costs. Please refer to the attached budget for more detail.</p>
<p>Sustainability Plan</p> <p>What is the plan for continuing grant activities beyond the project period?</p>	<p>The funder does not require sustainability. The project outcomes are contained within the two-year project period. This work builds upon efforts implemented during previous grant projects. The project collaborators will disseminate the results of the project and intend to have a lasting impact on community college STEM faculty.</p>

Assurances

- ☒ As the Project Lead, I acknowledge the responsibility associated with this role and will conduct the proposed project in accordance with the terms and conditions of the sponsoring agency and the policies of the College.
- ☒ If the proposal described herein is funded and accepted by the College, I will be responsible for meeting the requirements of the award, including, but not limited to, providing the proper stewardship of sponsored funds and submitting all required progress reports and deliverables on a timely basis.
- ☒ If sponsored funds are used for personnel, I understand that the College makes no ongoing commitment beyond the project period.
- ☒ Where funds are requested for lecture hour equivalents, I have reviewed this request with my Educational Administrator, and they support the reassignment/overload request.

 _____ <i>Signature of Project Lead</i>	11/14/24 _____ <i>Date</i>	Professor of Earth Sciences _____ <i>Title</i>
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Approval

Approvals represent general approval of details outlined in the project summary, but they do not represent specific approval of personnel titles, classifications, salary rates, or other issues governed by College policy and collective bargaining agreements.

Denise Bailey <small>Digitally signed by Denise Bailey Date: 2024.11.15 10:21:09 -08'00'</small> _____ <i>Signature of Responsible Administrator</i>	11/15/24 _____ <i>Date</i>	Dean, Natural Sciences Division _____ <i>Title</i>
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Kelly Fowler <small>Digitally signed by Kelly Fowler Date: 2024.11.19 14:30:54 -08'00'</small> _____ <i>Signature of Responsible Vice President</i>	_____ <i>Date</i>	_____ <i>Title</i>
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Review by President's Cabinet

Date of Review	<input type="checkbox"/> Approved
	<input type="checkbox"/> Conditionally Approved
	<input type="checkbox"/> Denied

Comments	
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DRAFT - IUSE Innovation in Two-Year Colleges (Earth Sciences) Budget Request

Personnel	Year 1	Year 2	Total
Principal Investigator, Professor Rebecca Walker (overload): 6 lecture hour equivalents (LHE) x \$2,073.78/LHE. Includes estimated 3% cost of living adjustment.	\$ 12,443	\$ 12,816	\$ 25,259
Administrative Support, Level I: 80 hours x \$19/hour	\$ 1,520	\$ 1,520	\$ 3,040
Total Personnel	\$ 13,963	\$ 14,336	\$ 28,299
Fringe Benefits	Year 1	Year 2	Total
Senior Personnel - PI: 19.1% California State Teachers' Retirement System, 1.45% Medicare, 0.05% state unemployment insurance (SUI), 1.31% workers' compensation (WC)	\$ 2,726	\$ 2,808	\$ 5,534
Other Personnel: 3% alternative retirement plan, 1.45% Medicare, 0.05% SUI, 1.31% WC	\$ 88	\$ 88	\$ 176
Total Fringe Benefits	\$ 2,814	\$ 2,896	\$ 5,710
Travel	Year 1	Year 2	Total
PI Walker and Co-PI Macdonald to attend national professional conference to disseminate results: \$650 registration + \$500 airfare + \$125 ground transportation + (lodging for 5 nights x \$250/night) + (meals & incidentals for 5 days x \$95/day)	\$ 6,000	\$ 6,000	\$ 12,000
Total Travel	\$ 6,000	\$ 6,000	\$ 12,000
Other Direct Costs	Year 1	Year 2	Total
Publication/documentation/distribution costs	\$ 2,000	\$ 2,000	\$ 4,000
Professional Services: Co-PI Heather Macdonald	\$ 10,000	\$ 10,000	\$ 20,000
Professional Services: Research Consultant, Pamela Eddy	\$ 8,000	\$ 8,000	\$ 16,000
Professional Services: Editorial Consultant, Karen Layou	\$ 10,000	\$ 10,000	\$ 20,000
Professional Services: Writing Consultant, Sharon Zuber	\$ 10,000	\$ 10,000	\$ 20,000
Professional Services: Review Panel Expert, Laura Guertin	\$ 5,000	\$ 5,000	\$ 10,000
Professional Services: Writing Consultant, TBD	\$ 5,000	\$ 5,000	\$ 10,000
Professional Services: Workshop Contributors (3) at \$1,500/contributor	\$ 4,500	\$ 4,500	\$ 9,000
Computer Services: Zoom license	\$ 500	\$ 500	\$ 1,000
Total Other Direct Costs	\$ 55,000	\$ 55,000	\$ 110,000
	Year 1	Year 2	Total
Total Direct Costs	\$ 77,777	\$ 78,232	\$ 156,009
Indirect Costs (30% of personnel and fringe benefits)	\$ 5,033	\$ 5,170	\$ 10,203
Total Request	\$ 82,810	\$ 83,402	\$ 166,212