

NATIONAL SCIENCE FOUNDATION

Award Notice

Award Number (FAIN): 2349765

Managing Division Abbreviation: EEC

Amendment Number: 000

RECIPIENT INFORMATION

Recipient (Legal Business Name): UNIVERSITY OF WYOMING

Recipient Address: 1000 E UNIVERSITY AVE DEPARTMENT 3434 LARAMIE, WY 82071-2000

Official Recipient Email Address: fgraf@uwyo.edu

Unique Entity Identifier (UEI): FDR5YF2K32X5

AMENDMENT INFORMATION

Amendment Type: New Project

Amendment Date: 03/12/2024

Amendment Number: 000

Proposal Number: 2349765

Amendment Description:

The National Science Foundation hereby awards a Standard Grant for support of the project described in the proposal referenced above as modified by revised budget dated 01/22/2024.

Funds provided for participant support may not be diverted by the awardee to other categories of expense without the prior written approval of the cognizant NSF Program Officer. Since participant support cost is not a normal account classification, the awardee organization must be able to separately identify participant support costs. It is highly recommended that separate accounts, sub-accounts, sub-task, or sub-ledgers be established to accumulate these costs. The awardee should have written policies and procedures to segregate participant support costs.

No work with human subjects, including recruitment, may be conducted under this protocol or grant until IRB approval has been obtained.

To assist NSF in evaluating the Engineering Education and Centers (EEC) Division programs and meeting the reporting requirements of the Government Performance and Results Act of 1993, the PI must also respond annually to the request for information about project outcomes. These include research results, characteristics of students and educators that have been affected by the project, the project's impact on workforce needs, awards and other measures of the quality of the project's products and activities, including project "highlights." NSF will provide guidelines for the collection and reporting of data and project information.

AWARD INFORMATION

Award Number (FAIN): 2349765

Award Instrument: Standard Grant

Award Date: 03/12/2024

Award Period of Performance: Start Date: 06/01/2024 End Date: 05/31/2027

Project Title: REU Site: Controlled Environment Agriculture (CEAfREU)

Managing Division Abbreviation: EEC

Research and Development Award: Yes

Funding Opportunity: NSF 23-601 Research Experiences for Undergraduates

Assistance Listing Number(s) and Name(s): 47.041 Engineering Grants (Predominant source of funding for SEFA reporting)

FUNDING INFORMATION

Amount Obligated by this Amendment: \$405,851

Total Intended Award Amount: \$405,851

Total Approved Cost Share or Matching Amount: \$0

Total Amount Obligated to Date: \$405,851

Expenditure Limitation: Not Applicable

PROJECT PERSONNEL

Principal Investigator: Liping Wang

Email: lwang12@uwyo.edu

Organization: UNIVERSITY OF WYOMING

co-Principal Investigator: Jill F Keith

Email: jkeith5@uwyo.edu

Organization: UNIVERSITY OF WYOMING

NSF CONTACT INFORMATION

Managing Grants Official
(Primary Contact)

Name: Wendy Simmons

Email: wsimmons@nsf.gov

Phone: (703) 292-2803

Awarding Official

Name: Willis Phan

Email: wphan@nsf.gov

Managing Program Officer

Name: Patricia Simmons

Email: psimmons@nsf.gov

Phone: (703) 292-5143

GENERAL TERMS AND CONDITIONS

This is awarded pursuant to the authority of the National Science Foundation Act of 1950, as amended (42 U.S.C. 1861-75) and is subject to Research Terms and Conditions (RTCs) dated 11/12/2020, and NSF Agency Specific Requirements, dated 01/30/2023, available at

<https://www.nsf.gov/awards/managing/rtc.jsp>.

This award is made in accordance with the provisions of NSF Solicitation: NSF 23-601 Research Experiences for Undergraduates.

BUDGET

A. Senior Personnel	
Senior Personnel Count	42.00
Senior Personnel Calendar Months	2.52
Senior Personnel Academic Months	0.00
Senior Personnel Summer Months	0.00
Senior Personnel Amount	\$32,396
B. Other Personnel	
Post Doctoral Scholars	
Post Doctoral Count	0.00
Post Doctoral Calendar Months	0.00
Post Doctoral Academic Months	0.00
Post Doctoral Summer Months	0.00
Post Doctoral Amount	\$0
Other Professionals	
Other Professionals Count	0.00
Other Professionals Calendar Months	0.00
Other Professionals Academic Months	0.00
Other Professionals Summer Months	0.00
Other Professionals Amount	\$0
Graduate Students	
Graduate Students Count	3.00
Graduate Students Amount	\$18,197
Undergraduate Students	
Undergraduate Students Count	0.00
Undergraduate Students Amount	\$0
Secretarial - Clerical	
Secretarial - Clerical Count	0.00
Secretarial - Clerical Amount	\$0
Other	
Other Count	3.00
Other Amount	\$2,318

<i>Total Salaries and Wages (A+B)</i>	\$52,911
C. Fringe Benefits	\$14,708
<i>Total Salaries, Wages, Fringe Benefits (A + B + C)</i>	\$67,619
D. Equipment	\$0
E. Travel	
Domestic	\$7,200
International	\$0
F. Participant Support Costs	
Participant Support Costs Stipends	\$168,000
Participant Support Costs Travel	\$15,600
Participant Support Costs Subsistence	\$0
Participant Support Costs Other	\$96,000
Total Number of Participants	24.00
<i>Total Participant Costs (F)</i>	\$279,600
G. Other Direct Costs	
Materials Supplies	\$0
Publication Costs	\$0
Consultant Services	\$9,000
Computer Services	\$0
Subawards	\$0
Other	\$4,065
<i>Total Other Direct Costs (G)</i>	\$13,065
H. Total Direct Costs (A Through G)	\$367,484
I. Indirect Costs*	\$38,367
J. Total Direct and Indirect Costs (H + I)	\$405,851
K. Fees	\$0
L. Total Amount of Request (J) OR (J + K)	\$405,851
M. Cost Sharing Proposed Level	\$0

*Indirect Cost Rates

The indirect cost rate(s) for this award is/are not available. These rates are at the time of award and are based upon the budget submitted to the NSF. It does not include any out-year adjustments. The NSF will not modify awards simply to correct indirect cost rates cited in the award notice. See the Proposal & Award Policies & Procedures Guide (PAPPG) Chapter X.A.3.a. for guidance on re-budgeting

authority.