

## Office of Sponsored Programs Univ of Idaho - Post Award (postaward@uidaho.edu)

**From:** Office of Sponsored Programs (osp@uidaho.edu)  
**Sent:** Tuesday, August 25, 2020 7:33 AM  
**To:** Office of Sponsored Programs Univ of Idaho - Post Award (postaward@uidaho.edu)  
**Subject:** FW: NSF Award Notice for Award ID 2019231 - Amendment ID 000

**Categories:** Catie

---

**From:** drobinso@nsf.gov <drobinso@nsf.gov>  
**Sent:** Tuesday, August 25, 2020 7:26 AM  
**To:** Office of Sponsored Programs (osp@uidaho.edu) <osp@uidaho.edu>  
**Cc:** Martin, Bryn (brynm@uidaho.edu) <brynm@uidaho.edu>; Murdoch, Gordon (gmurdoch@uidaho.edu) <gmurdoch@uidaho.edu>; hchellia@nsf.gov; jowens@nsf.gov; jssmith@nsf.gov; jyoung@nsf.gov; mastewar@nsf.gov; Schiele, Nathan (nrschiele@uidaho.edu) <nrschiele@uidaho.edu>; rphelps@nsf.gov; sowillia@nsf.gov; thoward@nsf.gov; tvanreke@nsf.gov; Durgesh, Vibhav (vdurgesh@uidaho.edu) <vdurgesh@uidaho.edu>; Xing, Tao (xing@uidaho.edu) <xing@uidaho.edu>  
**Subject:** NSF Award Notice for Award ID 2019231 - Amendment ID 000

### NATIONAL SCIENCE FOUNDATION

#### Award Notice

**Award Number (FAIN):** 2019231

**Managing Division Abbreviation:** CBET

**Amendment Number:** 000

#### AWARDEE INFORMATION

**Award Recipient:** Regents of the University of Idaho

**Awardee Address:** Office of Sponsored Programs 875 Perimeter Drive MS 3020 MOSCOW, ID 838443020

**Official Awardee Email Address:** osp@uidaho.edu

**Unique Entity Identifier (DUNS ID):** 075746271

#### AMENDMENT INFORMATION

**Amendment Type:** New Project

**Amendment Date:** 08/25/2020

**Amendment Number:** 000

**Proposal Number:** 2019231

**Amendment Description:**

The National Science Foundation hereby awards a Standard Grant for support of the project described in the proposal referenced above .

This award includes funds from the EPSCoR program and those funds cannot be transferred to non EPSCoR jurisdictions.

This award is subject to the provisions of NSF 18-513, Major Research Instrumentation Program (MRI). The grantee may allow access to the instrumentation to non-Federal outside organizations for a fee, if excess time is available on the equipment. However, the grantee shall not use this equipment to provide services to such organizations for a fee that is less than private companies charge for equivalent services. In addition, the users as outlined in the proposal must have the highest priority when allocating instrument access time.

As a condition of this award, the grantee agrees to provide cost sharing as specified in the referenced proposal, as amended, in the amount of \$108,232. 2 CFR 200.306 prescribes the criteria and procedures for the allowability of cash and in-kind contributions. No Federal funds may be used to meet the grantee's cost sharing obligation for this project. The amount of cost sharing must be documented on an annual and final basis, certified by the Authorized Organizational Representative, and reported to the cognizant NSF Program Officer via FastLane. Mandatory cost sharing commitments are subject to audit.

#### AWARD INFORMATION

**Award Number (FAIN):** 2019231

**Award Instrument:** Standard Grant

**Award Date:** 08/25/2020

**Award Period of Performance:** Start Date: 09/01/2020 End Date: 08/31/2023

**Project Title:** MRI: Acquisition of a 3D Printer for Studying Biofluids and Biomechanics

**Managing Division Abbreviation:** CBET

**Research and Development Award:** Yes

**Funding Opportunity:** NSF 18-513 Major Research Instrumentation Program:

**CFDA Number and Name:** 47.041 Engineering Grants

#### FUNDING INFORMATION

**Amount Obligated by this Amendment:** \$252,542

**Total Intended Award Amount:** \$252,542

**Total Approved Cost Share or Matching Amount:** \$108,232

**Total Amount Obligated to Date:** \$252,542

**Expenditure Limitation:** Not Applicable

#### PROJECT PERSONNEL

**Principal Investigator:** Tao Xing

**Email:** [xing@uidaho.edu](mailto:xing@uidaho.edu)

**Institution:** Regents of the University of Idaho

**Co-Principal Investigator:** Gordon Murdoch

**Email:** [gmurdoch@uidaho.edu](mailto:gmurdoch@uidaho.edu)

**Institution:** Regents of the University of Idaho

**Co-Principal Investigator:** Vibhav Durgesh

**Email:** [vdurgesh@uidaho.edu](mailto:vdurgesh@uidaho.edu)

**Institution:** Regents of the University of Idaho

**Co-Principal Investigator:** Nathan R Schiele

**Email:** [nrschiele@uidaho.edu](mailto:nrschiele@uidaho.edu)

**Institution:** Regents of the University of Idaho

**Co-Principal Investigator:** Bryn Martin

**Email:** [brynm@uidaho.edu](mailto:brynm@uidaho.edu)

**Institution:** Regents of the University of Idaho

## NSF CONTACT INFORMATION

**Managing Grants Official** (Primary Contact)

**Name:** Denise B. Robinson

**Email:** [drobinso@nsf.gov](mailto:drobinso@nsf.gov)

**Awarding Official**

**Name:** Denise B. Robinson

**Email:** [drobinso@nsf.gov](mailto:drobinso@nsf.gov)

**Managing Program Officer**

**Name:** Harsha Chelliah

**Email:** [hchellia@nsf.gov](mailto:hchellia@nsf.gov)

## 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 03/14/2017, and NSF Agency Specific Requirements, dated 02/25/2019, available at <https://www.nsf.gov/awards/managing/rtc.jsp>.

This award is made in accordance with the provisions of NSF Solicitation: NSF 18-513 Major Research Instrumentation Program:.

### A. Senior Personnel

Senior Personnel Count	0.00
Senior Personnel Calendar Months	0.00
Senior Personnel Academic Months	0.00
Senior Personnel Summer Months	0.00
Senior Personnel Amount	\$0

### 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	0.00
Graduate Students Amount	\$0
<b>Undergraduate Students</b>	
Undergraduate Students Count	0.00
Undergraduate Students Amount	\$0
<b>Secretarial - Clerical</b>	
Secretarial - Clerical Count	0.00
Secretarial - Clerical Amount	\$0
<b>Other</b>	
Other Count	0.00
Other Amount	\$0
<i>Total Salaries and Wages (A+B)</i>	\$0
<b>C. Fringe Benefits</b>	\$0
<i>Total Salaries, Wages, Fringe Benefits (A + B + C)</i>	\$0
<b>D. Equipment</b>	\$252,542
<b>E. Travel</b>	
Domestic	\$0
International	\$0
<b>F. Participant Support Costs</b>	
Participant Support Costs Stipends	\$0
Participant Support Costs Travel	\$0
Participant Support Costs Subsistence	\$0
Participant Support Costs Other	\$0
Total Number of Participants	0.00
<i>Total Participant Costs (F)</i>	\$0
<b>G. Other Direct Costs</b>	
Materials Supplies	\$0
Publication Costs	\$0
Consultant Services	\$0
Computer Services	\$0
Subawards	\$0
Other	\$0
<i>Total Other Direct Costs (G)</i>	\$0
<b>H. Total Direct Costs (A Through G)</b>	<b>\$252,542</b>
<b>I. Indirect Costs*</b>	<b>\$0</b>
<b>J. Total Direct and Indirect Costs (H + I)</b>	<b>\$252,542</b>
<b>K. Fees</b>	<b>\$0</b>
<b>L. Total Amount of Request (J) OR (J + K)</b>	<b>\$252,542</b>
<b>M. Cost Sharing Proposed Level</b>	<b>\$108,232</b>

\*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.