

**Student Technology Fee  
Tech Initiatives/Proposal Projects  
2010-2016**

**2016**

Based on the Student Technology Fee (STF) Committee's recommendations, Western's President and AS President approved funding in May 2016 of the proposals below. These projects represented approximately \$135,079 of the 2016 STF fund. (Actual expenditures may be less than maximum awarded.)

- **High Resolution Cameras for Loan Pool**  
\$32,884 (full funding)
- **The Alternative Digital Textbook**  
\$15,000 (full funding)
- **3-Axis Handheld Gimbal Stabilizer**  
\$3,134 (full funding)
- **Upgrading 3-D Printing Materials Manufacturing Capabilities for Engineering Students and Makers at WWU**  
\$28,267 (full funding)
- **WWU Scanning Electron Microscope Replacement**  
\$40,000 (partial funding)
- **Video Equipment to Support Professional Learning & Assessment**  
\$15,794 (full funding)

**2015**

Based on the Student Technology Fee (STF) Committee's recommendations, Western's President and AS President approved funding in May 2015 of the proposals below. These projects represented approximately \$137,581 of the 2015 STF fund. (Actual expenditures may be less than maximum awarded.)

- **Loan Pool Projection Upgrade**  
\$10,544 max (partial funding)
- **Strength Measurement in the Health Sciences**  
\$25,000 max (full funding)
- **Humanities Majors - Seminar Room Workstation**  
\$2,944 max (partial funding)
- **Enabling Investigative Labs on Gene Function using Tetrahymena and C. elegans**  
\$18,013 max (partial funding)

- **Upgrading Surface Analysis Capabilities for Materials Science Education and Research**  
\$21,858 max (full funding)
- **Experimental Earth Surface Processes Laboratory**  
\$21,157 max (partial funding)
- **Field Audio Recording Equipment**  
\$10,048 max (full funding)
- **Chromebooks for Education**  
\$6,748 max (full funding)
- **GigaPan for Place-Based Learning through Time and Space**  
\$1,900 max (full funding)
- **WWU MakerSpace**  
\$19,369 max (full funding)

## 2014

Based on the Student Technology Fee (STF) Committee's recommendations, Western's President and AS President approved funding in May 2014 of the proposals below. These projects represented approximately \$155,611 of the 2014 STF fund. (Actual expenditures may be less than maximum awarded.)

- **Loan Pool Enhancement**  
\$47,525 max (full funding)  
Academic Technology & User Services (ATUS)
- **Real-Time Respirometry of Animals**  
\$20,479 max (full funding)  
CST / Biology Dept
- **High-Definition Microscopy Projection**  
\$33,213 max (full funding)  
CST / Biology Dept
- **Communication 101 - Expanded Learning Project**  
\$9,477 max (full funding)  
HSS / Comm Studies
- **Enhancing Collaborative Technology in the Learning Commons**  
\$2,935 max (partial funding)  
Western Libraries
- **Library Microform Scanners**  
\$18,985 max (partial funding)  
Western Libraries
- **Video Equipment for ATUS Loan Pool**  
\$22,997 max (full funding)  
Woodring / Elementary Ed Dept

## 2013

Based on the Student Technology Fee (STF) Committee's recommendations, Western's President and AS President approved funding in April 2013 of the proposals below. These projects represented approximately \$540,387 of the 2013 STF fund. (Expenditures may be less than award maximum.)

Click on a title to review the proposal of an approved project.

- **Loan Pool Upgrades to Support Video**  
\$36,501 max (full funding)  
Academic Technology & User Services (ATUS)
- **Large-Format Printing and Scanning in the STC**  
\$31,980 max (full funding)  
Student Tech Center / ATUS
- **Digital Equipment Enhancement and Upgrade**  
\$57,000 max (partial funding)  
CFPA / Art Dept
- **Acquisition of Small Unmanned Aircraft Systems (sUAS) to Enhance and Support Teaching and Learning**  
\$89,134 max (full funding)  
CST and Huxley / Environmental Science/Environmental Studies/Biology Depts
- **Improvement of Petrographic Microscopy Facilities**  
\$65,600 max (partial funding)  
CST / Geology Dept
- **CO2 Laser**  
\$19,000 max (full funding)  
CST / Engineering Technology/ Industrial Design Depts
- **Molecular Recognition in Biochemistry Using Optical Biosensors**  
\$44,000 max (partial funding)  
CST / Chemistry Dept
- **Students Empowered by Integrated High-Tech Data Acquisition and Database Development Tools**  
\$60,388 max (full funding)  
CST / Biology Dept
- **Cell Observatory for Biology Labs**  
\$31,588 max (full funding)  
CST / Biology Dept
- **Teaching Lab Centrifuge Upgrade**  
\$20,000 max (partial funding)  
Huxley / Environmental Science Dept

- **Teaching Lab Microscope Upgrade**  
\$61,200 max (partial funding)  
Huxley
- **Walk-up Book Scanning Kiosk**  
\$15,300 max (partial funding)  
Libraries / Student Technology Center
- **Writing Center Enhancement**  
\$8,696 max (full funding)  
Libraries / Writing Center

## 2012

Based on the Student Technology Fee (STF) Committee's recommendations, Western's President and AS President approved funding in late March 2012 of the proposals below. These projects represented approximately \$260,000 of the 2012 STF fund. (Expenditures may be less than award maximum.)

Click on a title to review the proposal of an approved project.

- **Enhanced Digital Video Services for Students - Phase V**  
Academic Technology & User Services (ATUS)
- **Mobile Video-Streaming Pilot**  
ATUS
- **Art Department Mediated Classroom/ Computer Lab**  
College of Fine & Performing Arts (CFPA) / Art
- **Epson WT4900 Designer's Edition**  
CFPA / Art/Design
- **Enhanced LabVIEW Data Acquisition and Instrument Control**  
College of Sciences & Technology (CST) / Physics/Astronomy
- **M-1iA CERT Cart Robot and Vision System**  
CST / Engineering Technology
- **Fairhaven Textile and New Media Upgrade**  
Fairhaven College of Interdisciplinary Studies (partial funding)
- **Field Ecology & Environmental Monitoring at Fairhaven College and the Outback** - Fairhaven College (partial funding)
- **Fairhaven Recording Studio Update**  
Fairhaven College/CFPA
- **Huxley College Additional Microscopes and Growth Chamber**  
Huxley College of the Environment / Environmental Sciences - (partial funding)
- **Enhanced Online Academic Journal Access**  
Western Libraries

- **Learning Commons Portable Projection**  
Western Libraries
- **iPads for Teaching and Learning (iP4TL)**  
Woodring College of Education / Educational Leadership

## 2011

Based on the Student Technology Fee (STF) Committee's recommendations, Western's President and AS President approved funding in late March 2011 of the proposals below. These projects represented approximately \$216,000 of the 2011 STF fund. (Expenditures may be less than award maximum.)

- **Enhanced Digital Video Services for Students - Phase IV**  
ATUS
- **Production Equipment to Support Academic Mentoring in a TV Broadcast Environment**  
ATUS (with CFPA, Fairhaven, University Relations)
- **Color Printing Improvements in Student Technology Center**  
ATUS/Student Technology Center
- **Music and Dance Performance Laboratory Enhancements**  
CFPA/Music Dept and Dance
- **Keyboard Classroom Upgrade**  
CFPA/Music Dept
- **Upgrading Rapid Prototyping Facilities for ET Majors**  
CST/Engineering Technology Dept
- **Instructional Software Upgrades**  
CHSS, CST, ATUS/Anthropology, Biology, CSD, PEHR Depts
- **Pro Tools Hardware and Software Upgrade**  
Fairhaven, CFPA

## 2010

- **Parks Hall 108 Behavior Research Lab - REVISED**  
CBE
- **Dance Program Video Production**  
CFPA/Dance Program
- **B Gallery Boost and Upgrade**  
CFPA/Art Dept
- **Spatial Analysis Classroom**  
CST/Geology Dept
- **Bond Hall 215 Computer Lab Media Upgrade**  
partial funding  
CST/Mathematics Dept

- **High Definition Microscopy for Introductory Biology Courses**  
partial funding  
CST/Biology Dept
- **ETEC 222 Welding Lab Equipment Purchase**  
CST/Engineering Technology Dept
- **Multichannel Pipettes for Integration of Multiwell Plate Reader into Microbiology Laboratory**  
(BIOL 346) and Other Courses  
CST/Biology Dept
- **Huxley College GPS Equipment**  
Huxley College of the Environment
- **Huxley Toxicology Program Lab Class Instruments**  
partial funding  
Huxley College of the Environment/Environmental Sciences Dept
- **Student Tech Center and Library Improvements to Media, Computing, and Printing**  
Libraries/Student Tech Center
- **Viking Village: Improve Performance and Environment**  
Libraries/Viking Village Advisory Board