

CONTACT INFORMATION

University Unit IRT ACS
Coyote ID 000006590 Charlie Tabbut **Phone:** ctabbut@csusb.edu
Student Organization Name CSE-Computer Science & Engineering

AMOUNT REQUESTED

\$25,000.00

PROPOSAL INFORMATION**Project Title:** CSUSB Mobile Apps**Project Abstract**

Currently, IRT, thru ACS supports 2 paid student positions, each quarter, during the Academic year, in coordination with CSE. In looking to expand the scope and involvement matching funds are sought to include more students and disciplines. To facilitate the ongoing maintenance of CSUSB Mobile Applications, in partnership with the department of Computer Science and Engineering, funding for 2 internships per quarter, including Summer Sessions will allow the University to support and continue to deploy mobile applications that enhance the CSUSB University experience for all Students, Faculty and Staff. The estimated costs for an Academic Year for the 2 positions is \$25,000.00 In coordination with CSE, Administrative Computing Services (ACS) has worked to create an infrastructure that supports the Academic development of mobile applications for CSUSB.

How many students will be impacted annually?

6,000

How will this improve Student success

It will provide a sustainable support structure to maintain, develop and enhance the mobile capabilities of the University in initiatives that are directly related to Student involvement, information exchange and provide a vehicle to address student academic development, in a deployed, production model, and help promote the public image of CSUSB.

How will success be measured

Through the evaluation of the success of the Academic model by the College of Natural Sciences, the Department of Computer Science and Engineering, and the guidance of Faculty, the success of the class projects and deliverables will be available for review on an ongoing basis.

PROJECT TIMELINE

FY 12/13, Fall Quarter 2012

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)**

IRT and ACS have the support and endorsement of Computer Science and Engineering. Dr. Art Concepcion, Dr. David Turner and Dr. Kerstin Voigt. The positive benefits to our students and our University in providing mobile applications designed, built and maintained by students for students have demonstrated a positive atmosphere of collaboration.

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program**

Information Resources & Technology, Administrative Computing Services has provided the initial funding for the 11/12 FY.

BUDGET DETAIL

2 FTE @ 12.00/hour, 20 hours/week 11 weeks per quarter. Working under the direction of Faculty, the positions would work with staff in IRT and other University entities.

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

The funding would enable the University to develop an ongoing approach to the development of mobile technology that might well be expanded to include other disciplines on campus. Based upon the success of the initiatives, continued funding might be available from other entities, departments, Divisions on campus.

CONTACT INFORMATION

University Unit College of Education COE
Coyote ID 000023204 Think Ly **Phone:** 9095375624 tly@csusb.edu

Student Organization Name**AMOUNT REQUESTED**

\$20,533.64

PROPOSAL INFORMATION

Project Title: Dell KACE Server

Project Abstract

<http://www.kace.com/> To deploy and manage systems throughout the College of Education, (Faculty, Staff, and Labs), Dell Kace server is requested. The \$20,533 will be used for Dell Kace eK1100 and ek2100 hardware based solutions. Funds include 1 year of training, support, and warranty to start and utilize KACE. Other campuses, K-12, government, and private industries support Dell Kace solutions.

How many students will be impacted annually?

2,000

How will this improve Student success

Lab systems will be consistently updated and monitored via a remote secured server. Faculty and staff would not need to worry about their hardware or have long periods of computer failure due to KACE.

How will success be measured

Success will be measured by the KACE client hardware/software deployment in computer labs and via the College of Education faculty and staff.

PROJECT TIMELINE

Start ASAP - End Never

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)**

This is a new project initiated by me.

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program**

None

BUDGET DETAIL

1 ek1100 Server @ \$12,551.93 1 ek2100 Server @ \$6,958.93 You can request a full PDF file from me tly@csusb.edu Thank you.

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

None

CONTACT INFORMATION**University Unit** AA/CBPA**Coyote ID** 000019031 lan Jacobs **Phone:** x75791 ijacobs@csusb.edu**Student Organization Name****AMOUNT REQUESTED**

\$64,800.00

PROPOSAL INFORMATION**Project Title:** Computer Upgrade for JB120/JB124**Project Abstract**

Replace computers in teaching Lab, JB120 and JB124. Each of these labs have computers in them that are 4 or more years old. The replacement computers will be equal to or better to the campus standards. Older computers will be placed in the open computer lab in JB 123. This allow even older computers to be surplusd or used in other locations on campus.

How many students will be impacted annually?**How will this improve Student success**

The computers will provide improved access and performance for students. Students will be able to use the required software for class work with improved performance. Software would include windows 7, Office 2010, and others. JB124 has some specialty software used for graphics, forensics, and virtualization. The older computers will be migrated to the open lab. This will allow better performance for students in the open lab.

How will success be measured**PROJECT TIMELINE**

Project will be completed by the beginning of Fall 2012

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)**

This will support the programs in CBPA. Specifically the Mangement Dept. and the Information & Decisions Science Dept.

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program**

College funds will be used to maintain systems after purchase.

BUDGET DETAIL

JB120 = 14 computers @ \$1350.00 ea JB124 = 34 computers @ \$1350.00 ea

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

Computers have a useful shelf life of 3-4 years in the classroom and 4-5 years in open labs.

CONTACT INFORMATION

University Unit IRT Academic Computing and Media
Coyote ID 000001819 Steven Waldman **Phone:** 909.537.7168 swaldman@csusb.edu

Student Organization Name**AMOUNT REQUESTED**

\$50,000.00

PROPOSAL INFORMATION**Project Title:** SMART Classroom Upgrade**Project Abstract**

Over the past several years, Academic Computing and Media has submitted Classroom Refresh Proposals to the university outlining a plan to refresh the media equipment in the SMART classrooms. The major objective has been to replace 5+year old hardware with new hardware. This year, ACM is proposing to remove hardware equipment that is 5+ year old, and in conjunction, start transitioning classrooms towards an all-digital system. The long-term goal is convert all classrooms to an all-digital system. Given an estimated budget of one hundred and fifty thousand dollars, the approach was to identify the rooms that have 5+ year old media hardware, and rooms that did not require retrofitting to convert from analog (4:3 aspect ratio) to digital (16:10 aspect ratio) system.* The outcome: Jack Brown classrooms would be the first to receive new widescreen capable hardware, and use the Jack Brown hardware for classrooms with 5+year old hardware. In addition, a number of classroom space without technology will be targeted for new and/or re-purposed technology installation. IRT and Academic Affairs are working closely to prioritize the funding to meet the request.

How many students will be impacted annually?

17,000

How will this improve Student success

Improved delivery of instructional materials in the classroom.

How will success be measured

Quarterly surveys of faculty and staff.

PROJECT TIMELINE

Start Spring 2012, Complete install Summer 2012, First use Fall 2012

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)**

Academic Affairs has provided Academic Computing and Media a list of classrooms that need SMART classroom technology to support the delivery of instructional materials: Hi Salaam, English would like to have all three of its basement rooms (the two computer classrooms and the one multi-purpose room) converted into Smart Classrooms. 1. 54A (new number); 54 (old number) 2. 55 (new number and old number) 3. 54B (new number) or 43 (*if the basement construction plan does not go through "if the Chancellor's office does not approve it). Please let me know if I can provide any other information. Thank you for taking this Smart Classroom request now! (I know that you had sent this request out some weeks ago, and I just hadn't registered it in terms of our lab and multipurpose spaces). Thanks again, Sunny Academic Affairs Associate Provost Jenny Zorn has received more requests for new SMART Classrooms to include HP-250 & 255, VA-111, and CH130.

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program**

Academic Affairs - \$50,000, IRT - \$50,000, President's Future's Fund - \$50,000

BUDGET DETAIL

The existing projections systems in Jack Brown would then be moved to classrooms that currently have a projection system over 5+ years old. There are currently 30 rooms that fit this category. By upgrading 21 classrooms in Jack Brown, we will have 21 of the 30 needed to replace the older projectors throughout the campus classrooms. The additional 9 projectors that will need to be replaced will come from: HP-124, PS-10, PA-125, PA-127, SB-127, SB-128, VA-102, VA-302, VA-101(tbd). ACM will upgrade these 9 classrooms with a new widescreen projection system. These rooms do not require any screen modification to support wide screen projection. The second objective is to replace 58 computers in classrooms that have a single processor, which includes the Dell 280 & 620. These CPUs do not have the capacity to operate the latest operating system and other software programs. Twenty-one of the 58 new computers will go into the Jack Brown classrooms and the other 37 into the rooms that have the single processor CPU. For security purposes, the equipment rack will need to be modified to support the new CPUs. To support the new SMART Classroom requests, we have included additional hardware in the estimated \$200,000 budget proposal. Smart Classroom Cost Summary

Quantity	Total	Description
connectors etc		security projector mounts & accessories
\$8,579.39		various
50ea@ \$575/\$125	\$23,102.62	various
4 @ \$795	\$3,491.38	Document Cameras
various	\$12,534.49	different models
Video Projector	34 @ \$1800	AV Control new/upgrade
\$128.87		various
\$2,641.00		\$2,125.38
4@ \$400	\$1,600.00	Screens Wide
		cables/accessories
		Panasonic PT-F430
		Adapters/Connectors
		various
		Facilities-ceiling mounts upgrade
		JB and UH
		Facilities- screen upgrade with ceiling kit JB & VA
		Total
		\$207,635.43

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

CONTACT INFORMATION

University Unit CBPA IDS
Coyote ID 000009736 Tonv Coulson **Phone:** 9095375768 tcoulson@csusb.edu

Student Organization Name Infosec Club

AMOUNT REQUESTED

\$55,923.00

PROPOSAL INFORMATION

Project Title: Forensics Investigative Lab

Project Abstract

Building on the success of our Information Assurance and Security Management program, InfoSec club students determined that a need exists for additional Investigative Digital Forensics resources to meet the needs of employers. This proposal builds upon our successful internship and career alliances with the US Department of Justice, the San Bernardino County Sheriff's Department, and the Department of Homeland Security. Each of these agencies are seeking CSUSB students as a pool of technology specialists in the area of computer forensics and also see CSUSB as a place to train their existing staff in this crucial area. This proposal also seeks to use the lab and information security program to reach across campus to the Criminal Justice and National Security Studies programs, to bolster technical competency for their students. Lastly, we are seeking this lab as a seed project to attract government agencies to setup on-campus investigative labs that would employ students in cutting edge projects. The Information and Decision Sciences department and the Information Assurance and Security Management Center, already impressed with the students' vision, have invested \$10,000 seed money into the lab. Our lab facility started out with leftover computers that we repaired. Thanks to grants from the National Security Studies program, Cisco, the Information and Decision Sciences department and the Department of Defense, we have managed to create an adequate environment to teach basic skills and research. Now, with the advent of computer forensics, we are finding our facilities lack the ability to accommodate anything beyond the theory. Computer Forensics is the number one skill requested by the entities hiring our students. The next most important area is network analysis. We are proposing a technology upgrade to not only match the new office and conference facilities, but to improve our lab. Major items include computational workstations to help with forensic research, desktop machines, tablets and networking equipment. To help lower costs and make these efforts sustainable, deployment and design assistance will be provided by University of Alaska, New Mexico Tech and West Point (we are developing a research grant with these three institutions). These new technological capabilities will help demonstrate to our consortium partners how committed CSUSB is to the Information Assurance program, perhaps opening development, grant and partnership opportunities in the future. Perhaps more importantly, these technologies will help serve our students by providing them with the type of skills required by potential employers as evidenced by current placements with the Department of Justice and the Department of Homeland Security.

How many students will be impacted annually?

70

How will this improve Student success

Over the last 5 years, what started as a meager effort to start a new academic program (Information Assurance and Security Management) has progressed into CSUSB being recognized as a major force in Information Assurance education. The IA curriculum is certified by the President of the United States Committee on National Security Standards. CSUSB is designated as a national Center of Academic Excellence in Information Assurance Education. A program with 5 students, now has 60. Inland Empire community colleges are sending their technology students to CSUSB as a preferred destination. Enthusiasm and support for our program has continued to grow. Our computer forensics teams placed 1st and 2nd at last years Information Technology Competition prompting a judge from the LA District Attorneys office to ask if our students worked in law enforcement. The request for this lab is being driven by the students and their potential employers. In the past week, 4 students were contacted by a government agency seeking forensics skills. The lab design being submitted mimics a lab at a law enforcement fusion center (fusion center is an integration of federal and local law enforcement). This will provide students with the skills and technology needed to meet industry needs.

How will success be measured

Our success will be measured in terms of students meeting skills requirements set forth by the High Tech Crimes Investigation Association and internship/permanent placements.

PROJECT TIMELINE

start Spring quarter 2012, first quarter of use Fall 2012

PROJECT COLLABORATION

Statements of support by organization(s) or department(s)

The Information and Decision Sciences department and the Information Assurance and Security Management Center, already impressed with the students' vision, have invested \$10,000 seed money into the lab. The project was developed by the Infosec club, our student Information Assurance and Security Management club that includes students across disciplines, including computer science, criminal justice, and national security studies.

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM

Matching funds or resources allocated to project/program

10000 committed from the IDS department and IASM Center. Phased approach is possible.

BUDGET DETAIL

Monitors	Price	Number	Total	Hardware	Hard Drives (portable)	109.99	6	659.94	Uninterrupted Power Supply	106.99	2	213.98
Control 3,000.00	189.00	4	756.00	Mobile Forensic Kit + La	4,999.00	1	4,999.00	Tableau Portable Blockers	399.00	4	1,596.00	Tableau door Card
\$5,000 Router	3,000.00	1	3,000.00	Forensic Duplicator/Disk	1,249.00	1	1,249.00	Workstations	\$7,000	1	\$7,000	Cisco Enterprise
\$1,500 2 \$3,000 Servers				\$2,000 Switch	\$2,000	1	\$2,000	Tablet Computers	\$600	1	\$600	Displays
145.00 20 2,900.00 FTK				\$9,000 1 \$9,000 Desktops			\$1,700	1 \$1,700	Software			Encase v7
Encase 1yr training	4,500.00	1	4,500.00	Total					4,500.00	1	4,500.00	Training

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

We currently have two NSF awards that have provided full scholarships to students in this area, and recently added new funding through Cyberwatch West. Cyberwatch West creates a regional resource for cyber security research, industry partnerships and government covering the entire west coast of the United States. The primary mission is to develop awareness and expertise in cyber security from K-12 through 4 year education. This effort includes faculty, curriculum, and student development. CSUSB is the lead institution for faculty development, online learning and virtual lab support. The monies from this grant (4 years) will provide for the operational costs of the lab. In the longer term, we are seeking this lab as a seed project to attract government agencies to setup on-campus investigative labs that would employ students in cutting edge projects.

CONTACT INFORMATION

University Unit CNS Chemistry and Biochemistry
Coyote ID 000003561 Kimberlev Cousins **Phone:** (909)537-5391 kccousins@csusb.edu
Student Organization Name NA

AMOUNT REQUESTED

\$6,000.00

PROPOSAL INFORMATION**Project Title:** Spartan Molecular Modeling Upgrade**Project Abstract**

The Department of Chemistry and Biochemistry has been using molecular modeling as an integral part of laboratory courses for students in major and non-major courses in organic chemistry and physical chemistry since 1998. The chemistry computer laboratory, including molecular modeling capabilities, was initially funded with a grant from the National Science Foundation (Cousins, PI), and has since been upgraded once using departmental and lottery funds. In 2012 the workstations are again being modernized, requiring upgrade of accompanying software, including the specialized program Spartan, for computational modeling of molecules. This upgrade is expensive; funds are requested to match a Departmental contribution for the upgrade (6K + 6K for 12K total) for an upgrade expected serve students for at least six years.

How many students will be impacted annually?

250

How will this improve Student success

Molecular modeling helps students understand and visualize difficult electronic and spatial concepts, including conformational analysis (rotation around bonds), thermodynamics (energies of transformations), electron densities, and spectroscopy (how molecules respond to light during analysis). Laboratories run every year using Spartan (Wavefunction, Inc) allow students to analyze, graphically visualize, and understand these phenomenon. In addition, using molecular modeling is an important technique for many practicing chemists; having experience as an undergraduate is good preparation for many graduate programs and chemistry research jobs. Accessibility considerations: Our computer lab (CS-330) is equipped with wheel-chair accessible workstations. The Spartan software is compatible with screen readers, and uses standard Windows input devices (keyboard, mouse) and standard monitor. Molecular mages can be easily expanded for those with limited sight. To our knowledge, there is no competing molecular modeling/computational chemistry program that is more accessible than Spartan.

How will success be measured

Students demonstrate mastery of course content through exams and other assignments. Laboratory reports following molecular modeling activities specifically measure the progress made during the hands-on laboratory, but the broader contribution to learning is much harder to separate from learning through other methods (books, lecture, homework problems, etc.).

PROJECT TIMELINE

The new Spartan software will be installed with the new workstations (summer 2012), and used every quarter starting fall, 2012.

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)**

The proposed Spartan upgrade is supported by the Department of Chemistry and Biochemistry with \$6,032 in matching funds. Exposure and training in molecular modeling software is extremely important in modern chemical training. It is utilized increasingly by companies in the research and development of new pharmaceutical compounds, for example, where it is an invaluable aid in helping innovative chemists target physiological mechanisms of various diseases at the molecular level. From an educational standpoint, molecular modeling helps bridge the gap between theory, technology, and experiment in the chemical sciences.

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program**

Requested from Vital Technology Fund: \$6000; Provided by Department of Chemistry and Biochemistry: \$6032; Provided by CNS: technical support to install software and server license

BUDGET DETAIL

Upgrade for 14 simultaneous copies from Spartan ES 04 (currently installed) to Spartan '10 for Win: \$11,200; tax: \$812; shipping \$20 (quote from Wavefun, Inc. on 3/3/2012)

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

The chemistry computer lab is on a six year college replacement cycle, funded by lottery funds. .The software upgrades that are required each time that the hardware is upgraded have come from department O&E and/or College funds. As this happens only every six years,the single expenditure for Spartan will impact over one thousand students (some in multiple classes).

CONTACT INFORMATION

University Unit College of Natural Science Water Resources Institute
Coyote ID 004156658 Bovkin Witherspoon **Phone:** 9513158831 bwithers@csusb.edu

Student Organization Name**AMOUNT REQUESTED**

\$44,900.00

PROPOSAL INFORMATION**Project Title:** Solid Terrain Model Geographic Information System Advanced Modeling Laboratory**Project Abstract**

The WRI currently has a Federal Department of Education grant that provides paid internships, geographic Information System training and technology coaching to students at CSUSB. As a part of the grant WRI at has developed unique technology and training methods that combines a 4' x 6' solid terrain model with overhead GIS projection technology. This model will be a corner stone exhibit in the soon to be opened College of Natural Science Learning Center. The hypothesis of our project is that with exposure to advanced GIS technology and follow up mentoring and technology coaching CSUSB students will have greater performance and persistence at CSUSB. Our proposal is to leverage the substantial DOE investment in advanced technology and training / mentoring by creating a GIS Training and Modeling lab at WRI that will increase access to and use of this exhibit and methods for all CSUSB students. The lab will contain 10 high end GIS workstations and will leverage the existing WRI multi media presentation room as well as the STM exhibit. The lab will be staffed by a half time student GIS technology coach and 5% time from the WRI Geospatial Research Manager. The lab services will include a series of scheduled training seminars, coaching on the use of the technology in student assignments and projects and be available through on line reservation for general GIS related use. WRI is proposing a two year program and has a very high likelihood of sustaining this program beyond the two year period.

How many students will be impacted annually?

1,500

How will this improve Student success

The WRI currently manages several grants including the DOE grant that are specifically aimed at empowering students with advanced technology and STEM based training to increase their performance and persistence at CSUSB. Both the DOE and the USDA have recognized the WRI's methods of technology and STEM training and coaching as being effective in increasing student performance and persistence. WRI has developed the expertise and staff to develop these programs, implement these programs and track and analyze student performance and persistence within these programs to demonstrate student success. The WRI is constantly learning from our analysis and modifying our technology and methods based on what we learn. WRI also employs independent evaluators to review and confirm our analysis results. A strong motivation for the WRI applying for this Vital Technology grant is that we believe our methods for improving student success are well tested and proven and we would very much like the opportunity to expand our services to a broader range of CSUSB students

How will success be measured

As a part of the monitoring and analysis of students participating in our grant programs the WRI has developed a comprehensive database and workflow for measuring success of our activities. As a part of our staffing duties will be to employ similar record keeping and monitoring of appropriate groups and individual students who utilize the labs services. This data will be reported to the College Dean and others annually in a similar format to the reporting requirements of our other related grants and includes college, department, dates, grades etc. In addition to monitoring performance and persistence of appropriate users the WRI will also set and meet participation and usage goals for the lab. We will use these usage goals to effect our advertising and out reach for the lab to insure maximum student usage of the faculty. Meaning if the lab isn't being used enough we will alter our outreach accordingly to increase usage. Note, this is how we calculate the our usage goals and is the answer to the following proposal questions, How many students will be impacted annually. 10 seats Average user time per experience 3 hours Lab staffed 15 hours per week 50 students per week 30 weeks in an academic year 1500 students FTE per year in structured lab programs, this does not include general lab use during non staffed times through the online reservation system.

PROJECT TIMELINE**PROJECT COLLABORATION**

Statements of support by organization(s) or department(s)

I fully support the WRI proposal Vital Technology proposal. I believe the WRI Vital Technology proposal will enhance student success at CSUSB and create an opportunity for many more students at CSUSB to participate in the unique and interesting programs offered by the WRI. Dean Maynard, College of Natural Sciences Susan Longville, Director, WRI

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM

Matching funds or resources allocated to project/program

\$40,000 from the DOE grant to develop the Solid Terrain Model and GIS projection system. 25% of the WRI Geospatial Research Managers time for one year to develop the technology training and coaching methods utilizing the STM and the performance and persistence monitoring databases and workflows.

BUDGET DETAIL

PC workstations	10	1200	12000		Mobile Device	10	500	5000		hrs per week	rate	duration weeks	student
assistant	15	11	60	9900	lab manager	5	60	60	18000	total	44900		

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

We could begin setting up as soon as the award is granted and would formally begin programs Fall 2012 ending spring 2014.

CONTACT INFORMATION

University Unit Administration and Finance Intercollegiate Athletics
Coyote ID 003133350 Kevin Hatcher **Phone:** 909-537-3015 khatcher@csusb.edu
Student Organization Name Student Athlete Advisory Council

AMOUNT REQUESTED

\$10,000.00

PROPOSAL INFORMATION**Project Title:** Academic Road to Success**Project Abstract**

During the academic year, our student-athletes spend approximately 30 weekends traveling to other institutions for athletic events. On any given weekend, we could have up to 6 athletic teams or up to 140 student athletes traveling that representing our institution. During these road trips, our student-athletes have difficulty accessing vital information such as blackboard, email, study groups, their my coyote account and other types of vital information that have a direct affect on their academic success. We would use this technology fee to purchase two laptops for each of our ten programs too be used on road trips so that the lines of communication can remain open with the individuals and materials vital to their academic success.

How many students will be impacted annually?

250

How will this improve Student success

By having access to laptops, our student-athletes will have nearly the same advantages as students that don't spend many weekends traveling on behalf of the university. They will be able to access blackboard and many other technological tools we use to educate our students.

How will success be measured

Success will be measured by increased grade point averages and graduation rates.

PROJECT TIMELINE

Spring 2012

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)**

Statement From Vice President Gardner I support this request for Vital Technology funds to purchase 20 laptops for our student athletes. Less than half of our athletes have laptops, and providing more computer access while they are participating in athletic events will enable them to maintain academic progress and meet their degree requirements. This is an excellent use of these funds as it will directly increase our students'™ success in achieving their educational goals.

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program**

Currently \$4,000 is allocated for academic initiatives

BUDGET DETAIL

20 laptops at \$500/ea.

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

N/A

CONTACT INFORMATION

University Unit IRT Academic Computing & Media
Coyote ID 000701492 Jacob Poore **Phone:** 909-537-3486 jpoore@csusb.edu

Student Organization Name**AMOUNT REQUESTED**

\$9,925.20

PROPOSAL INFORMATION**Project Title:** Coyote Advertising**Project Abstract**

The Coyote Advertising Program has three objectives: 1) Teaching and Learning: Coyote Advertising is an Instructionally Related Program on the CSUSB campus that places dozens of students each quarter in scenarios that mirror professional media agencies in action. We provide students with exposure to multiple industry disciplines including account management, strategy, marketing, promotions, media and ad creative/production. Our unique approach of developing student driven projects and campaigns gives our student participants a sense of leadership and responsibility, ensuring motivates students at all times. 2) Service to our Campus: As a program of the Academic Computing and Media Department (ACM) at CSUSB, Coyote Advertising is able to collaborate with the very best media professionals in our region. Coyote Advertising offers a full-range of advertising services to our campus and surrounding community. We serve as an advertising resource for our campus and can assist various campus departments and programs with everything from creative work to planning and placement. Our specialty is in on-campus advertising placement, however as an official agency of record with many of our regional media providers, Coyote Advertising is well suited to coordinate off-campus media planning and placement as well. 3) Service to our Community: We take pride in connecting more than 17,000 students plus faculty and staff with our local business community. We provide advertising services for dozens of local Inland Empire businesses and organizations, with impressive results. Working with local businesses provides great experience for the students in our program.

How many students will be impacted annually?

60

How will this improve Student success

Students who participate in the Coyote Advertising Program graduate better prepared to enter the workforce upon graduation. They have experience working on advertising and marketing campaigns for real clients. Our program is growing rapidly and is in need of some basic, yet vital technology in order to provide the student participants with a learning experience while in the program. With up to 20 students each quarter participating in our program we need the tools to get the job done including; computers, hard drives, software, etc.

How will success be measured

We can measure the success of our program by looking at how well we achieve our three program objectives: 1) Teaching & Learning "Are we able to provide a better teaching and learning environment with the use of this new technology? We will track how many of our students are moving on to internships and jobs after graduation. We can survey the students to see how their experience with us influenced their ability to compete for internships and jobs. 2) Service to our campus "We will measure our service to our campus by tracking how many campus departments and programs we are able to provide service for and how many projects we complete for them. 3) Service to our community "Like with our service to our campus, we will track projects and campaigns that we create to serve our community and the success of each campaign.

PROJECT TIMELINE

The Coyote Advertising Program is an Instructionally Related Program at CSUSB and has been in operation for more than 2 years.

PROJECT COLLABORATION

Statements of support by organization(s) or department(s)

Both our Department Assistant VP (Michael Ross), and Division VP (Lorraine Frost) serve on the Vital Technology committee and I know they can substantiate the value of our program to the committee. However, I feel it is important to provide some statements that illustrate the vast support our program has not only within our division, but across our campus:

“As we filter internship opportunities on behalf of our business students, looking for quality project-heavy experiences with measurable goals and objectives, the Coyote Advertising internship stood out. It not only provided strong oversight but gave our student the opportunity to strengthen their résumé, understand how to network with a professional association and work on deadline. We hope to provide the same experience to future CBPA marketing students as we partner with Jacob and his team going forward.”

Christina E. Rodriguez - Internship Program Coordinator College of Business and Public Administration, CSUSB

“The Coyote Advertising Program is a dynamic learning environment where one truly learns the art and science of advertising. The students not only work on real advertising issues and develop creative that has been recognized by the Inland Empire chapter of the American Advertising Federation but they also visit other agencies and network with area advertisers. As past president of the local chapter of the American Advertising Federation, the Coyote Advertising Program has made a significant contribution to developing advertising talent for the local industry. There are only a limited number of opportunities for young people to develop not only the creative side of advertising but the account side as well. The Coyote Advertising Program accomplishes this with one-on-one mentoring and training of 15 students each quarter.”

Victoria Seitz, Ph. D., Professor of Marketing Past President, American Advertising Federation, Inland Empire

“Under the Coyote Advertising program, CSUSB students are gaining professional development opportunities by working on real-world advertising activities and campaigns. With a tough Inland Empire job market, experience in operations, sales, campaigns, production, and other advertising activities, CSUSB students will gain experiences that no other communication or marketing students will have. To my knowledge, the CSUSB Coyote Advertising program is the only hands on opportunity for students in the Inland Empire to intern with a professional advertising agency.”

Jon Burgess “ Vice President of Red Fusion Media President of American Advertising Federation, Inland Empire

“Cal State San Bernardino’s Coyote Advertising department provided tremendous assistance to the university in purchasing television advertisements. Coyote Advertising found the best combination of media placements, and negotiated the best prices, making the media buying process easy and economical for the university. I would not hesitate to utilize Coyote Advertising’s services in the future and gladly recommend Coyote Advertising to others, not only for media buying, but also for creative and production services as well.”

Sid Robinson “ Associate Vice President for Public Affairs, CSUSB

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program**

We have the ongoing support of the Academic Computing and Media Department who generously allows us to use office space in their area. We also are fortunate to be recognized as an official campus Instructionally Related Program, and we receive funding to pay for student assistants and some of our marketing and supplies.

BUDGET DETAIL

COYOTE ADVERTISING PROGRAM “ ONE-TIME REQUEST for Vital Technology:

- “ (4) HP - 21.5” Omni All-In-One Computer - 6GB Memory - 1TB Hard Drive \$620 + tax (\$2480)
- “ (2) Apple® - 21.5” iMac® - 4GB Memory - 1TB Hard Drive \$1699.00 + tax (\$3398)
- “ (2) Seagate - FreeAgent GoFlex Desk 1.5TB External USB 2.0 Hard Drive - Black \$99 + tax (\$198)
- “ (2) Western Digital - My Passport Essential SE 750GB External USB 3.0/2.0 Portable Hard Drive - Black - \$109 + tax (\$218)
- “ (2) Apple® - iPad® 2 with Wi-Fi - 32GB - White \$550 + tax (\$1100)
- “ Cisco IP Phone - \$200 + tax (\$200)
- “ Adobe 5.5 Master Collection (Student & Teacher Edition) \$602 + tax (\$1204)
- “ (5) Cisco IP Phone compatible stereo headset \$80 + tax (\$400)

Sub Total \$9190 Tax \$735.2 Total Request = \$9925.20

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

We have ongoing support from the Academic Computing and Media Department (ACM) and the Instructionally Related Programs Board (IRP) at CSUSB. With IRP funding our program is able to hire part-time student workers to sustain the everyday operation of our program. However we need one-time funds for improvements to our technology within the program that is not covered by ACM or IRP funding.

CONTACT INFORMATION

University Unit Academic Affairs Library
Coyote ID 000013636 Les Kong **Phone:** X75111 lkong@csusb.edu

Student Organization Name**AMOUNT REQUESTED**

\$36,000.00

PROPOSAL INFORMATION**Project Title:** E-Textbooks Through EBook Readers Initiative**Project Abstract**

Many CSUSB students are not able to afford to pay for expensive textbooks. This 3-year project has two objectives: 1) to make available to students E-Book versions of high cost textbooks in a variety of courses; and 2) introduce students to a variety of E-Book readers/tablets that will be used as platforms from which E-textbooks may be accessed. In conjunction with E-textbook providers, such as CourseSmart (which is working with the CSU Affordable Learning Solutions initiative), the Library will select and rent E-textbooks, and make these titles available through such devices as iPads, Nook Tablets, Kindle Fires, and Sony E-Book Readers. The Library is uniquely positioned to maintain these devices, instruct students on their use, and lend the devices out for student use.

How many students will be impacted annually?

8,000

How will this improve Student success

With easy and available access to E-book versions of textbooks, students will be able to continue their studies to successfully complete courses at CSUSB. E-book readers and tablets also provide distinct advantages to students with features centered around portability and interactivity.

How will success be measured

In addition to usage data (collected for both textbooks and e-readers), the Library will assess the success of this project through a combination of methodologies, including focus groups, and pre- and post-survey instruments.

PROJECT TIMELINE

September 21, 2012 - September 21, 2015, Fall Quarter 2012

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)**

To the Vital Technology Funding Committee: One of the most progressive initiatives of the CSU is the Affordable Learning Solutions. The Pfau Library looks forward to participating actively in this initiative that attempts to provide ways to make educational materials more affordable to students. One of the models that is being proposed would make expensive text books available for check out in the library. These books would be pre-loaded in e-readers that could be check out. I strongly support the funding request submitted by Les Kong for a pilot test of the e-text books in readers project. If the first run proves successful, we would like to expand the project so that more students in many more classes would be provided with affordable text books. Thank you for your consideration of this request from the Pfau Library. Thank you.

Sincerely, Cesar Caballero, Dean Pfau Library

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program**

The Library will provide staff support for this project.

BUDGET DETAIL

5 Kindle e-book readers @ \$200.00/ea.	\$1,000.00	5 Nook Tablets @ \$200.00/ea.	1,000.00	5 Sony e-book readers @ \$300.00/ea.
1,500.00	5 iPads @ \$500.00/ea.	2,500.00	E-Textbook rental and licensing fees (3-years)	30,000.00
in-kind	Total	36,000.00		IT and Library staff support

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

Once success is demonstrated, ongoing funding will be pursued through partnerships with such entities as, ASI, Academic Affairs, and Academic Computing & Media.

CONTACT INFORMATION**University Unit** College of Arts and Letters**Coyote ID** 000024270 Ken Han **Phone:** khan@csusb.edu**Student Organization Name****AMOUNT REQUESTED**

\$38,500.00

PROPOSAL INFORMATION**Project Title:** College of Arts and Letters Server Upgrade**Project Abstract**

The servers of College of Arts and Letters serve more than 3000 students every quarter by providing access through several departmental lab computers. Currently we have 16 servers to serve these labs, 13 servers are 6 to 12 years old. We need to upgrade our servers to provide stable service to students and instructional faculty in 8 different departments. We also need storage RAID system for backup and archiving student projects and design media files.

How many students will be impacted annually?

10,000

How will this improve Student success

Students are spending a lot of hours in the Art Graphics labs, Communication Lab, English labs, Music Lab, Theater art lab, World Language Multi-Media Language Labs. We use many different specialized software for many different disciplines and also we use some specialized equipment. This infrastructure will enhance students' learning environment in the College of Arts and Letters.

How will success be measured

Without the infrastructure upgrade, we expect that student performance will decline. With this infrastructure upgrade will improve student learning. Also, the new equipment will enhance the performance of the lab computers and servers.

PROJECT TIMELINE

Beginning of Spring 2012, End of Spring Quarter, Beginning of Summer

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)**

I believe that computer labs in the College of Arts and Letters are a very important resources for CSUSB students. If the labs and the servers are not up-to-date, student learning will decline. Also, backup storages are important for disaster recovery and business continuity.

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program**

N/A

BUDGET DETAIL

1. Two Rack Servers: 2 x \$6500 = \$13000 2. Two iSCSI Storage server: 2 x \$11000 = \$22000 3. Storage Back-end Switches: 2 x \$1750 = \$3500

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

Without the requested infrastructure upgrades, we will not meet student and faculty needs.

CONTACT INFORMATION**University Unit** Palm Desert Campus**Coyote ID** 000014351 Heather Hundley **Phone:** x 78140 hhundley@csusb.edu**Student Organization Name****AMOUNT REQUESTED**

\$200.00

PROPOSAL INFORMATION**Project Title:** Nursing Sim Lab**Project Abstract**

Palm Desert Campus is in its third year of offering the RN and RN to BSN programs. In the program, students are exposed to the Simulator Lab where they obtain first-hand experience with simulated hospital experience including manikin patients and the same type of medical equipment found in hospitals. During simulated experiences, students are videotaped and audio recorded enabling the instructor to provide feedback afterwards to improve their nursing skills. With this relatively new equipment PDC is refining the procedures to offer the best experience for students and faculty as possible. This request for an amplifier will allow the instructor to better hear the students involved in the simulation.

How many students will be impacted annually?

50

How will this improve Student success

This will enable the students to receive better feedback for their verbal skills during the simulated nursing experiences.

How will success be measured

Nursing students will be afforded instructor feedback for improved performance and successful careers.

PROJECT TIMELINE

if approved, we can purchase, install, and implement the equipment in spring quarter 2012. It would be completely up and running fall quarter and used throughout the programs.

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)**

The nursing programs are supported by PDC, the Nursing department in San Bernardino, and Coachella Valley hospitals, medical facilities, the medical profession, and private donors.

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program**

Hundreds of thousands of dollars have been used to establish and implement the nursing programs at PDC.

BUDGET DETAIL

Nursing Sim Lab RCA Mini Amplifier	200.00	1	200.00
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SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

CONTACT INFORMATION

University Unit Palm Desert Campus
Coyote ID 000014351 Heather Hundley **Phone:** x 78140 hhundley@csusb.edu

Student Organization Name

AMOUNT REQUESTED

\$32,600.00

PROPOSAL INFORMATION

Project Title: General Upgrades

Project Abstract

The first building (Mary Stuart Rogers Gateway building) at CSUSB Palm Desert Campus was opened in 2002. This is a heavy classroom use building in that many classes are frequently scheduled in this building all year around. This request is three-fold: (1) to convert the last remaining classroom in RG to a smart classroom, (2) to convert one classroom to a distance learning classroom, and (3) to update the oldest and most used equipment in RG classrooms. Should this proposal be granted, PDC would be alleviated of concern for instructional equipment failing.

How many students will be impacted annually?

1,000

How will this improve Student success

While this request is three-fold, it is all geared towards students' success at PDC. It remains important for classroom technology to be updated and operable. As the campus continues to grow, we must maintain instructional equipment in classrooms, including the distance learning rooms. Such equipment allows for a variety of pedagogical delivery methods contributing to student learning.

How will success be measured

Student success will be measured by an increased attractiveness for upper division students to transfer to PDC. By updating and upgrading our instructional technology we will stay ahead of the demand for multiple forms of instruction. If this proposal is granted, PDC can continue to offer students traditional face to face classes, online classes, distance learning classes and hybrid (80/20) models of instructional delivery.

PROJECT TIMELINE

If approved, we can purchase, install, and implement the equipment in summer 2012. It would be completely up and running fall quarter 2012.

PROJECT COLLABORATION

Statements of support by organization(s) or department(s)

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM

Matching funds or resources allocated to project/program

PDC operates under its own budget; however, the campus also garners support from San Bernardino, a variety of grants, local donors, etc.

BUDGET DETAIL

Deep Freeze	upgrade	12.00	250	3000.00	renewal	4.00	250	1000.00	subtotal	4000.00	RG
213 Distance Learning Equipment	32" Widescreen LED HDTV	250.00	1	250.00	AV Media Cart	290.00	1	290.00			
subtotal	540.00	RG 209 Smart Room Equipment		Multimedia Projector	1200.00	1	1200.00	Projector Mount	60.00	1	50.00
Projection Screen	350.00	1	350.00	4 Channel Mixer	60.00	1	55.00	Mini Amplifier	60.00	1	55.00
175.00	1	150.00	Cables & Adapters	500.00	500.00	Rack	575.00	1	575.00	VHS/DVD Player	325.00
325.00			subtotal	3260.00	RG Student Lab Computers	1000.00	6	6000.00	DL Lavalier Wireless Mic	900.00	3
RG Smart Classrooms	Projectors	1000.00	10	10,000.00	DVD/VHS players	500.00	10	5,000.00	Amplifiers	200.00	10
2000.00			subtotal	17,000.00							

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

CONTACT INFORMATION**University Unit** Palm Desert Campus**Coyote ID** 000014351 Heather Hundley **Phone:** x 78140 hhundley@csusb.edu**Student Organization Name****AMOUNT REQUESTED**

\$4,800.00

PROPOSAL INFORMATION**Project Title:** Graphics Lab equipment**Project Abstract**

Palm Desert Campus continually assesses student needs and interests in the Coachella Valley. The PDC mission is to serve this particular population. As such, PDC began offering classes in Art, specifically for the Graphic Design and Marketing plan. As an increasingly popular major, students are required to complete Art 384 which includes experience with Final Cut X. This request is for PDC to purchase the software for students' use in this major.

How many students will be impacted annually?

30

How will this improve Student success

This will improve student success by allowing them to complete their degree in Art - Graphic Design and Marketing. The software is required for one of the core classes. Additionally, students would be exposed to this software program enabling them to be more marketable for careers after graduation.

How will success be measured

Should this proposal be granted, students majoring in Art will be able to successfully complete the program and earn their degree. Furthermore, it may entice future students interested in the Art major to transfer to PDC.

PROJECT TIMELINE

If approved, we can purchase, install, and implement the equipment in summer 2012. It would be completely up and running fall quarter and used throughout the program.

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)****COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM****Matching funds or resources allocated to project/program**

PDC operates under its own budget; however, the campus also garners support from San Bernardino, a variety of grants, local donors, etc. Last summer PDC purchased 20 Mac computers, CS5 software, and more recently, a Mac compatible, high quality projector to support this new major offered at PDC.

BUDGET DETAIL

Final Cut X (Graphic Arts Program) 300.00 16 4800.00

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

CONTACT INFORMATION

University Unit Arts & Letters Art
Coyote ID 000001793 Sant Khalsa **Phone:** 909-537-5808 santk@csusb.edu

Student Organization Name**AMOUNT REQUESTED**

\$65,617.00

PROPOSAL INFORMATION**Project Title:** Animation and Digital Arts Computer Lab**Project Abstract**

The Art Department continues to meet the challenge of our growing and changing global visual culture with the development of courses and programs that teach established and emerging fields of art and design (strongly based in digital technology). Teaching current knowledge and skills requires up-to-date technology including Apple computers, professional printers and software specific to each field. We are in dire need of new Apple computers to replace the out of date computers in the VA 232 lab as well as the required software for each of the courses and a large-scale professional archival quality printer. This lab classroom is fully scheduled each year for courses in animation, motion graphics, web design and the digital arts (including digital motion imaging and digital photography). The out of date computers in the lab are unable to support current software (Maya, Adobe Creative Suite 5.5, Lightroom 4, Final Cut Pro X) required for these courses and critical for the students to be current and competitive in their fields. These courses are currently in high demand by students across campus but especially art and computer science majors for whom these are required and elective courses. There are many career opportunities available for graduates with these creative and technical skills and knowledge. Continued growth and demand in 3D animation, motion graphics, and video gaming has resulted in the Art Department working with Computer Science, Communication Studies, English, Theatre Arts and Music to develop an interdisciplinary Certificate Program in Animation and Visual Effects. This program will increase enrollment and will require up-to-date Apple labs and professional software as well.

How many students will be impacted annually?

450

How will this improve Student success

In order for our students to be successful they must be competitive in their fields. Learning up-to-date knowledge and skills in computer animation, visual effects, and digital and media arts is imperative and can only be achieved with funding to support "current" computer lab technology and software. Students will graduate with professional portfolios of high quality that highlight their creative talents and achievements.

How will success be measured

Student internship opportunities and employment after graduation are clear indications of success. DreamWorks has hired over 350 CSU students (from other campuses) over the past several years and has expressed interest in hiring from our campus. Once we have the current technology (computers, software, and printer) in place, we can teach the necessary skills sets in animation, visual effects, and digital arts courses required for these careers. Additionally, these computer based lab courses in art and design provide a wide array of creative skills that are applicable to many careers.

PROJECT TIMELINE

Start Date: ASAP - Spring 2012 or Fall 2012 quarter / End Date: Computers typically remain current for 3 - 5 years / Software will be used until new versions are developed and require replacement

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)**

The Art Department is wholeheartedly in support of this proposal and has the support of our College of Arts and Letters Dean, Dr. Eri Yasuhara.

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program**

The College of Arts and Letters and the Art Department provide faculty to teach the courses, staff support to maintain the labs, and lab fees to cover cost of equipment maintenance, software updates, and printing supplies. We are in the second year of a five-year Title V grant that is supporting course development and piloting of new courses in the digital arts.

BUDGET DETAIL

Computer Equipment: \$46,617 plus shipping and taxes Mac mini core i7 computers, 2.7 GHz, 8 GB memory w/Apple numeric keyboard and Applecare 25 x \$1308 = \$32,700 plus taxes Acer G235H 23" 1080p Widescreen LCD Monitor - 25 x \$162 = \$4050 plus shipping and taxes Logitech 3 button mouse 25 x \$60 = \$1,500 plus shipping and taxes Epson Stylus Pro 9900 44 inch Archival Printer - 1 x \$6000 plus shipping and taxes Wacom Intuos4 Extra Large Pen Tablets - 3 x \$789 = \$2,367 plus shipping and taxes Computer Software: \$ 19,000 plus shipping and taxes Maya - \$7,000 license for 24-seat lab for two years Adobe Creative Suite 5.5 (or more current) Master Collection 24 x \$500 each = \$12,000

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

The Art Department is committed to sustaining our current courses and programs in animation, visual effects, and the digital arts, as well as expanding and developing more as fields change and new ones emerge. We have full and part-time faculty who are specialists in some of these fields and plan to hire additional faculty as faculty lines come available. The Art Department has a proven track record for success and growth, with increased enrollments every year and student demand beyond accommodations. We have also been successful in development, fundraising, and grants and plan to seek additional funding to support technology in the digital arts and design. (We currently have funding from a Title V grant with Norco College that is providing support for the development of new courses in the digital arts.) We are hopeful that an improved California economy will provide and increase sustainable support for computer technology in the future. The Art Department has class lab fees that assist in the cost of equipment maintenance, software updates, and printing supplies.

CONTACT INFORMATION**University Unit** CBPA

Information and Decision Sciences

Coyote ID 003304248

John

Wu

Phone: 909-537-5036

jwu@csusb.edu

Student Organization Name**AMOUNT REQUESTED**

\$114,970.00

PROPOSAL INFORMATION**Project Title:** Free iBooks textbook for SCM 304 Principles of Supply Chain Management**Project Abstract**

This project uses Apple's new textbook authoring software , iBooks Author, to create a free multi-touch, multimedia, interactive iPad textbook for SCM 304 students. The project will also acquire 50 iPads for the library for students to use the same way they check out current textbooks on reserve. The project aims to revolutionize the teaching and learning of the required core course SCM 304, Principles of Supply Chain Management, with an annual enrollment of about 1000 students. The project will develop an electronic textbook template and a learning model that can also be adapted and duplicated for other courses.

How many students will be impacted annually?

1,000

How will this improve Student success

Students will use the free iPad application to read and interact with the textbook in SCM 304. Access to textbook is instant, ubiquitous, and very dynamic. Because of the rich multimedia contents including pictures, videos, animations, etc., students will be more interested in learning the course materials. The iBooks textbook is also friendly for students with disabilities. The table of contents, glossary, widgets, and main text are built to automatically take advantage of VoiceOver technology. Add accessibility descriptions to any widget or media " including movies and reviews " so even those with vision impairments can use them. Best of all, once created, this textbook will be available free of charge for CSUSB students enrolled in SCM 304.

How will success be measured

Success will be measured by how much student interest is generated, how effective students are learning about supply chain management concepts, how many more students choose to further their studies in supply chain management, and how much money students save for textbooks.

PROJECT TIMELINE

Start: Spring 2012 End: Summer 2013 First quarter of use: Fall 2013

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)**

CBPA Dean Rose: IDS Chair Zhu: LTC Director Wu:

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program**

Leonard Transportation Center: upto \$50,000

BUDGET DETAIL

1 iMac 27", 2.7GHz: \$1,870 50 iPad 2: \$27,500 total (\$550 each) iBooks Author software, \$0 iBooks Author contractor or student assistants: \$30,000 (30 hours each chapter for 20 chapters at \$50 per hour cost) Faculty stipend and course relief: \$40,000 (4 faculty at \$10,000 each summer stipend or equivalent for reduced course load) Project coordinator: \$15,000 (\$1000 per month to coordinate all activities and process paperwork) Misc. office expenses: \$600

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

Only maintenance of textbook contents is required for ongoing project. This updating and maintenance cost is minimal (estimated to be around one to two course reliefs for faculty member) and can be funded with CBPA professional development, CSUSB faculty research funding, or through external funding sources such as the Leonard Transportation Center.

CONTACT INFORMATION**University Unit**

Community-University Partnerships

Coyote ID 000062022 Diane Podolske **Phone:** 909-537-7483 dpodolsk@csusb.edu**Student Organization Name****AMOUNT REQUESTED**

\$1,600.00

PROPOSAL INFORMATION**Project Title:** Community Engagement Student Success Fee Implementation**Project Abstract**

The new student success fee graduate assistant in the CUP office will be responsible for programming the new Alternative Spring Break, Community Engagment Fair, and assisting with new Service Learning Internship programs for students of all majors.

How many students will be impacted annually?

17,250

How will this improve Student success

Computer access is critical for the success of the graduate assistant's work, including the ability to send and receive email, post on Blackboard and social media sites, generate event flyers and letters to community partners, and investigate best practices from other campus' programs. It is highly unlikely that the graduate assistant will be able to perform in his/her job without access to a computer and printer.

How will success be measured

The student success fee evaluation plan will be strictly followed for the events and programs the graduate assistant produces, including use of OrgSync and other evaluation instruments.

PROJECT TIMELINE

April, 2011 - ongoing, first quarter of use is Spring Quarter

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)**

Due to changes in the allocation of student fee funding dollars, CUP has received student success fee funding to hire a graduate student assistant, but no dollars are available to purchase a computer for this person. CUP has a very limited budget and does not have the funding available for this purchase.

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program**

None

BUDGET DETAIL

Dell Optiplex 790 minitower, monitor and 2350dn Mono Printer @ \$1,600

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

The desktop computer and printer will be sustainable for several years, as the graduate assistant will be utilizing basic Microsoft Office Suite programs, email and the internet.

CONTACT INFORMATION

University Unit College of Business & Public Administration Internship Program & Academic Advising
Coyote ID 001402036 Christina Rodriguez **Phone:** (909) 537-3766 chrodrig@csusb.edu

Student Organization Name**AMOUNT REQUESTED**

\$15,060.00

PROPOSAL INFORMATION**Project Title:** Technology Enhancement for CBPA Student Services**Project Abstract**

Computers and Software Needed for the new Student Services Office that will support all CBPA students. With the merging of several existing programs under the College of Business and Public Administration, we need to upgrade our technology equipment and software to better serve the needs of our students as they visit the new Student Services Office which will house the Undergraduate Advising Program, the Internship Program, the new Undergraduate Career Services Program and MBA/MSA Career Services. The Undergraduate Advising Program may also be the new contact office for the CBPA Student Organizations (19) to coordinate their activities and meetings. The goal of the integration is to provide CBPA students with a one-stop center to meet their academic, internship and career needs. We feel that we will be able to measure student success in regards to retention and graduation rates, the impact that internships have on employment and salary upon graduation and the overall student satisfaction based on a variety of other factors.

How many students will be impacted annually?

3,000

How will this improve Student success

The benefit to students is that staff could more efficiently assist students. Because staff and student assistants are very interactive with students who visit our office, we need equipment and software that will enable each staff person and office student assistant to efficiently and effectively assist students given the nature of their visit. Having additional screens that face students will allow the student to follow the staff person or student assistant when working with them as they search web sites, on-line surveys, forms, and registrations; enabling students to also understand the options available to them and encouraging them to visit relevant web sites more frequently. We want to stimulate more active participation from students by having them actively engaged when they visit our office. This active engagement would include time spent viewing a double screen, time at the designated student computers to enroll in workshops, registers for career fairs, review & print PAWS, complete surveys, sign up for student clubs and search on-line for various resources. Also, having the ability to move students to use technology outside of the classroom will help prepare them for it's use once they start their professional path. Our large screen request is to enable students to have a information that is visible to students outside of regular office hours--especially since a large population of students attend classes in the evening hours.

How will success be measured

Success will be measured by several key performance indicators: 1. Year over Year internship enrollment 2. Job placement for seniors 3. Job placement time-frames 4. Starting salary variances upon job placement for students with internships vs. those without internships 5. Starting salary variances upon job placement for students with zero student services contact, some student services contact and comprehensive student services contact 6. Impact of student engagement (student clubs, student services use, academic advising, career services) upon career outcomes at graduation 7. Student satisfaction surveys about CBPA service support levels (including exit interviews) 8. Retention and graduation impacts

PROJECT TIMELINE

August 1, 2012 - July 31, 2014: First Quarter of Use: FALL 2012

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)**

Thanks for updates. I also indicated Ian has info on Student Tech grants and there may be alternative opportunities to discuss with him. I will support up to 10k in concurrent funding in the grant proposal as indicated in the dp. Larry Lawrence C. Rose, Ph.D., FFin FCPA(Aus) Dean and Professor of Finance College of Business and Public Administration California State University, San Bernardino 5500 University Pkwy, JB-278 San Bernardino, CA 92407-2393 Ph: (909) 537-3703 Fax: (909) 537-7026 sent via email on 3/21/12 at 3:47pm

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program**

\$10,000 to be matched by Dean Rose

BUDGET DETAIL

8 systems that include full computer set-up with double screens @ \$1350 each 3 systems that include full computer set-up with only 1 screen @ \$1200 each Software available on all 11 computers: Traditional MS Office Suite PDF Writer software @ \$60 each 1 large video flat wall screen One for outside the office on the outside wall, or 8@\$1350 = \$10,800 3@\$1200 = \$ 3,600 11@\$60 = \$660 Total = \$15,060

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

Since this project's needs are mostly hardware & software driven, the sustainability of the project is long term once the purchases and installations have been completed. These tools necessary to provide a high level of service to the CBPA student population are only 1/2 of the equation. Dean Rose is supporting the other part of this equation by allocating the space and construction of said space to incorporate the existing multiple programs and staff into one unified space. The intent is to prevent the "bounce" factor of sending students to multiple locations to have their needs met. This will directly effect the retention rate as students will be assured of having resources available to them in one location and by one team housed in the college.

CONTACT INFORMATION

University Unit Student Affairs and Information Resource Services to Students with Disabilities (SSD) and Assitive Computing Resource Cent
Coyote ID 000064089 Beth Jaworski **Phone:** 909-537-3589 bjaworsk@csusb.edu

Student Organization Name**AMOUNT REQUESTED**

\$35,000.00

PROPOSAL INFORMATION**Project Title:** Supporting the Success of Students with Disabilities through Technology**Project Abstract**

This proposal will support the technology needs of students with disabilities and involves 4 components: 1) purchase of equipment and software for SSD to be used directly by SSD students and for production of alternate formats of print materials for SSD students; 2) purchase equipment for ACRC to be used directly by SSD students and in production of alternate formats of print materials for SSD students; 3) purchase of a communication system that enables non-signing hearing individuals to communicate with individuals who are Deaf, Hard-of-Hearing or Speech Disabled; and 4) purchase of textbooks for SSD students with print-related disabilities who participate in textbook rental programs (i.e., so students may participate in textbook rental programs while upholding copyright law).

How many students will be impacted annually?

415

How will this improve Student success

Assistive technology is essential to the success of students with disabilities. SSD and ACRC provide students with disabilities equal access to information technology. Through various hardware and software applications, individuals with low or no vision, learning disabilities and physical disabilities can access computer-based resources and take exams independently (i.e., without the assistance of an SSD reader or scribe). SSD provides students with print-related disabilities access to print materials (e.g., textbooks, course packets) in alternate formats (e.g., electronic, Braille). Effective and timely communication is key to equal access and success of Deaf, Hard-of-Hearing and Speech Disabled students. When American Sign Language (ASL) interpreters are not available, this student population is currently without other means of effective communication with faculty, staff and other students. Impromptu and brief meetings could be conducted using a communication system technology.

How will success be measured

Success will be measured by: 1) availability of print materials in Braille (currently there is no Braille printing available at CSUSB); 2) increased functionality of ACRC's mobile carts for SSD students; 3) improved quality of SSD-produced alternative format materials (measured by a rating system); 4) use and user satisfaction of ACRC and SSD technology services (measured by survey); 5) decreased cost to provide brailled materials to SSD students (measured by less use of outside vendors and overall production costs); 6) number of textbooks purchased on behalf of SSD students with print-related disabilities who utilize textbook rental programs (measured by survey and Coyote Bookstore data); and 7) availability of a communication system other than ASL interpreters.

PROJECT TIMELINE

Funding will provide support for ongoing needs with an estimated start date of Spring quarter 2012

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)**

The divisions of Student Affairs and Information, Resources & Technology support and the Accessible Technology Initiative support this proposal.

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program**

None for these one-time time acquisitions.

BUDGET DETAIL

6 Adobe Professional Software licences @ \$60/ea 6 Omni Page 18 Upgrade licenses @ \$220/ea 2 HP desktop computers @ \$1,850/ea 2 Freedom Scientific Onyx Deskset XL - CCTVs @ \$1,650/ea 1 (set) Interpretype Communication System @ \$2,400 6 Pearl Portable Reading Solution - Scanners (2 for SSD in student testing rooms, 2 for ACRC on mobile carts, 2 for ACRC stations inside ACM computer lab) @ \$600/ea 1 ViewPlus Emprint SpotDot Ink Braille Printer w/Ink & Tactile Graphic Capabilities @ \$7,495 1 Braille Printer Stand @ \$295 1 Braille Printer Output Tray @ \$95 Shipping & Tax = \$2,435 \$10,000 to purchase textbooks for students with disabilities who choose to participate in textbook rental programs

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

SSD requests support from the division of Student Affairs, the campus central fund, and outside resources (e.g., donations). ACRC is a self-sustaining fee for service program with operating funds provided by assistive technology services to clients of Veteran's Affairs and the California State Department of Rehabilitation.

CONTACT INFORMATION**University Unit** Pfau Library**Coyote ID** 004199129

Jonathan Smith

Phone: 909-537-3492

jsmith@csusb.edu

Student Organization Name**AMOUNT REQUESTED**

\$71,100.00

PROPOSAL INFORMATION**Project Title:** Pfau Library Laptop Lending Program**Project Abstract**

Pfau Library boasts many areas conducive to individual and group study, and wireless networking throughout the building. This is wonderful for students and faculty who own personal laptop computers and are willing to transport them to the library. However, there are many students who are unable to take advantage of this as they may not own a laptop, or may be unwilling to carry it to school. These students are dependant upon the computer labs provided in Pfau Library which are severely impacted by high demand as compared with the number of workstations available. Pfau Library computer labs are consistently full throughout the week, and the library does not currently have laptops to lend. This proposal would fund the creation of a laptop lending program within Pfau Library. These laptops would be available to students, faculty, and staff, for use within Pfau Library. In addition to allowing library users to take advantage of space, these laptops will augment current computer availability.

How many students will be impacted annually?**How will this improve Student success**

The computer labs currently provided by the library are aging, and yet overwhelmed with demand. Providing laptops will increase the number of available computers, thus increasing student ability to access resources provided by Pfau Library, and the university in general. Using laptops rather than desktop computers will allow students the flexibility to move about the study spaces and physical resources of the library without restriction. Students can then choose to study individually, study in ad-hoc groups, or take the laptop directly to the physical location of library resources. Using software known as Boot Camp, we will be able to provide two operating system experiences on one computer. When turning on the MacBook, the library user can select whether to use Macintosh or Microsoft Windows. This way the user can choose the environment most familiar or best suited for the task. Included in the lending program are six graphing calculators. The library sometimes receives queries from students interested in borrowing a calculator to use while studying in the library. Six calculators would allow us to provide this requested service while evaluating how high the demand is.

How will success be measured

Laptops will be ""checked out"" in much the same manner as a book. This will allow the library to keep detailed circulation statistics in order to evaluate demand and use.

PROJECT TIMELINE

This project could be implemented during the Spring Quarter, with laptops available for lending by the end of the quarter.

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)**

To The Vital Technology Funding Committee, It is a well known fact that many of our students come from low socio-economic families. Many of our students do not have access to computers at home or at work. Computer technology is required to access the library's digital content, such as e-journals and e-books. That is probably the reason most of our labs are almost always full, especially during mid-terms and finals. There continues to be strong demand for computer technology from students on our campus. The Pfau Library plans to provide for some of this demand by making laptop computers available for checking out. I strongly support the Vital Technologies Funding request submitted by Jonathan Smith to fund the purchase of laptop computers and calculators. By funding the purchase of these laptop computers and calculators, many more students will be provided the computer access they need to be successful in their academic work. They will have full access to digital content from the library and the Web. They will also be provided with the use of expensive calculators that they may otherwise not be able to afford. Thank you for your consideration of this request from the Pfau Library. Sincerely, Cesar Caballero, Dean

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program**

BUDGET DETAIL

50x 13" MacBook Pro with Solid State Drive	\$1,300.00 each	\$65,000.00 total	50x Kensington MicroSave Lock	\$40.00 each	\$2,000.00 total	2 Bretford Mobility Cart		
for 20 laptops	\$1,600.00 each	\$3,200.00 total	6 TI-89 Titanium graphing calculator	\$150.00 each	\$900.00 total	Total estimated costs	\$71,100.00	Description of

items: The core of the lending program would be 40 MacBook Pro laptops. Ten additional MacBook Pros would be kept in reserve to serve as replacements for laptops being serviced and to provide training to library staff and faculty. To help toughen the laptops against rough handling we would select Solid State Drives, which would greatly reduce the number of moving parts inside the laptop. We would also provide locks to help guard against theft. Kensington MicroSave Locks are similar to bicycle cable locks - the steel cable is wrapped around a table leg or other immovable object and locked onto the laptop. Two Bretford Mobility Carts would be used for laptop storage. Laptops would charge while stored in the carts and the entire cart could be locked when not in use. The cart is also on wheels, enabling us to easily move the cart into a locked room for overnight storage.

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

Pfau Library Information Technology department would provide maintenance and end user support for the laptop lending program.

CONTACT INFORMATION

University Unit College of Natural Sciences Biology
Coyote ID 004195996 Tomasz Owerkowicz **Phone:** towerkow@csusb.edu

Student Organization Name**AMOUNT REQUESTED**

\$65,850.00

PROPOSAL INFORMATION

Project Title: Ultrasound imaging in anatomy and physiology

Project Abstract

We request two portable high-definition ultrasonographic (USG) scanners. Ultrasonography is a non-invasive imaging technique, which is used to visualise and measure internal anatomic structures, tissue movement and blood flow. As such, USG is a powerful teaching tool for understanding form and function of vertebrate animals, including humans. The USG equipment will be used in teaching laboratories of biology, pre-nursing and pre-medical courses: Human Anatomy & Physiology (BIOL223&224), Human Anatomy (BIOL323) and Physiology (BIOL324), Biology of the Chordates (BIOL342), Comparative Animal Physiology (BIOL424), Marine Biology and Ecology (BIOL455), Advanced Vertebrate Morphology (BIOL524), and Independent Research (BIOL596). When not used for teaching purposes, the USG scanner will be used in the research laboratories of Drs Owerkowicz, Middleton and Sumida. At least 1000 CSUSB undergraduate and graduate students will have the opportunity to use the USG equipment every year. In addition, USG technique, images and videos will be demonstrated in various Natural Science General Education (BIOL100) and introductory biology (BIOL201), which serve 300+ students per year. Acquisition of the USG equipment will allow the Biology Department to develop innovative teaching modules in the above courses. USG images can be projected in real time on classroom screens during lecture/lab instruction, and saved in accessible formats for use in laboratory exercises/practicals and problem sets. Incorporation of USG in teaching anatomy and physiology will place CSUSB at the forefront of using sophisticated imaging technology in biology education.

How many students will be impacted annually?

1,000

How will this improve Student success

The intuitive understanding of vertebrate anatomy and physiology depends, to a large extent, on the student's ability to visualize internal structures and movement of tissues. Thus far, students in pre-nursing and pre-medical classes have had to rely on schematic diagrams found in textbooks, slides or websites. Availability of two ultrasound machines in the A&P classrooms will allow students to image internal anatomic structure and function right in the laboratory e.g., distinguishing between the neighbouring artery and vein by the pulsatile nature and direction of blood flow. By making the invisible more tangible (visible and measurable), it will go a long way to clarify the relationships of anatomic structures, and provide superior preparation for future biomedical careers of our students. After all, seeing is believing.

How will success be measured

Students will gain better understanding of anatomy and physiology, and success should be evident in improved exam performance. In the first couple of years of USG implementation in coursework, we will conduct two similar labs in anatomy and physiology classes: one lab with and one lab without USG technology. Using anonymous questionnaires, we will score students' learning success, satisfaction with practical exercises (i.e., with and without USG), and correlation between them.

PROJECT TIMELINE

In use EVERY QUARTER, starting summer 2012

PROJECT COLLABORATION

Statements of support by organization(s) or department(s)

The proposed equipment represents an exciting addition to our ever-changing toolkit we employ in the teaching of our undergraduate students with career goals in nursing, physical therapy, medicine, veterinary medicine, and myriad other health-related fields. If there is one thing constant about the field of physiology and anatomy (hence the requirements for teaching physiology and anatomy), it is "exchange". Technological advances occur at lightening pace, and students entering health-related fields need to be kept current in the changes, and adept at utilizing modern equipment and techniques. However, these technological changes far outpace our financial ability to keep current in the teaching laboratories. While universities tend to understand the need to keep up with things like computer technologies, and have instituted various means of replacing computers and ancillary equipment on a regular basis, the technological needs in the sciences go unappreciated and are largely unmet. Endless research has shown that hands-on inquiry-based lessons provide the best education for our students, and we have always prided ourselves in our abilities to offer a laboratory-intensive curriculum in the Biological Sciences. The faculty work hard to scrape up whatever funds we can find, and have done an excellent job of cobbling together a diverse (and very effective) mix of equipment, which effectively serves the students, both majors and non-majors, in our various physiology and anatomy courses. The faculty write (and continually re-write) their own lab manuals so that their lab exercises are tailored to the equipment available, so I am sure that the USG will be very effectively put to use in a wide range of applications in a number of courses. Given that this equipment will significantly enhance the education of well over 1000 students in health-related fields, I think the bang for the buck is obvious. David Polcyn, Chair, Biology (dpolcyn@csusb.edu)

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program****BUDGET DETAIL**

Funding for two USG units is requested. All labs can accommodate 24 students, with students usually split into six groups of four students each. In order to give all students a chance to use USG during laboratory exercises, we require two USG units per lab. Two Sonosite EDGE USG machines \$15,000/each = \$30,000 Selection (six) of transducers \$3,500/each = \$21,000 Doppler software and mini-dock station/interface \$3,000/each = \$6,000 Cart and carrying case \$1,100/each = \$2,200 Shipping and tax \$6,650 Total = \$65,850

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

The Sonosite ultrasound machines have a 5-year warranty, and are extremely durable (designed and engineered for field use by medics of the U.S. Army). In addition, the company guarantees free software upgrades to improve the imaging capabilities of the machines, and equipment loans in case of repair. The equipment can be used in teaching for at least 10 years (assuming 1000 student/year, average cost per student = \$6.60 over ten years).

CONTACT INFORMATION

University Unit Academic Affairs Library
Coyote ID 000013636 Les Kong **Phone:** X75111 lkong@csusb.edu

Student Organization Name**AMOUNT REQUESTED**

\$4,384.00

PROPOSAL INFORMATION**Project Title:** Library MultiMedia Collaboration Accessory Equipment**Project Abstract**

To support student efforts to produce multimedia presentations, the Library is designing two Multimedia Collaboration rooms, which will be equipped with state-of-the-art video and audio production equipment. Resulting end products will be professionally mastered presentations on DVD, and other desired formats for class uses. This project is requesting funds to acquire additional accessory equipment: flatbed scanners, video cameras, and microphones.

How many students will be impacted annually?

5,000

How will this improve Student success

Students will now have the capability of producing high end multimedia presentations that will incorporate live action, video images, audio, and other content available from the Library's collections, to supplement their classroom experience. Heretofore, students have not had access to such facilities, and will now have the opportunity to collaborate and learn along with fellow classmates to produce digital learning objects. These acquired skills may also increase the marketability of students in the workplace.

How will success be measured

Success will be measured through the use of student and faculty surveys.

PROJECT TIMELINE

September 21, 2012; September 21, 2013; Fall Quarter 2012

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)**

The equipment being requested would complement the existing facility and would provide students with creative capacity, which is part of the library's goal to improve multi-media services to students. We strongly recommend funding of this request by Mr. Les Kong, which will improve our capacity for creative lab support for students. Sincerely, Cesar Caballero, Dean Pfau Library

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program**

In-kind support provided by Library staff.

BUDGET DETAIL

2 Epson Perfection V700 Photo Scanners @ \$600.00/ea. 4 Flip Ultra HD 2010 2 hour (black) @ \$190.00/ea. 2 Canon Vixia HFR20 Flash Memory 20X Optical Zoom Camcorders @\$350 ea 4 635NDB Dynamic Ominini Interview Microphones (black) @ \$159.00 ea. 2 Audio-Technica Wireless Microphone Kit @ \$145.00 ea. 2 Sennheiser XS Wireless XSW 12-B Presentation Set @ \$399.00 ea.

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

The Library has made the commitment to support the Multimedia Collaboration rooms, and their attendant support and maintenance.

CONTACT INFORMATION

University Unit Academic Affairs ODL
Coyote ID 000001299 James Monaghan **Phone:** monaghan@csusb.edu

Student Organization Name**AMOUNT REQUESTED**

\$48,000.00

PROPOSAL INFORMATION**Project Title:** enhancements to online.csusb.edu**Project Abstract**

Enhancement of online.csusb.edu portal to allow online students to gain all necessary information concerning online programs, financial aid, advising and how to learn online . The current website contains basic information about programs but does not contain simulations to assist new online students to be successful in learning in a fully online program. Additionally, students need to be able to navigate all administrative systems that allow them to register for courses, gain financial aid, track their progress, access their grades, et cetera. Currently, students must go to a variety of resources to do this. Having a ""one stop shop"" integrated with PeopleSoft information would facilitate students' progress and graduation and retention rates.

How many students will be impacted annually?

2,000

How will this improve Student success

The ability to learn online is an acquired skill. Where in-person mentoring occurs in face-to-face classes, no such mentoring is available to online students. As online learning becomes more critical to the mission of the university, similar mentoring and assistance structures must be part of the online resources offered to online students. The availability of these resources will ensure that online students will be retained due to the higher level of engagement with the university. It will also ensure that roadblocks such as lack of experience with the financial aid system, will be ameliorated for online students.

How will success be measured

number of students who access the enhanced portal, retention of online students, graduation rates of online students, satisfaction levels of students who utilize the enhanced online.csusb.ed online portal

PROJECT TIMELINE

Spring 2012 start, Fall 2013 end, preliminary work available Fall 2012

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)****COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM****Matching funds or resources allocated to project/program**

\$10,000 department match (in kind personnel time in Summer 2012)

BUDGET DETAIL

Personnel: - 1/2 time ITC for 1 year = \$35,000 + \$10,000 benefits = \$45,000 - 20 hrs/wk student assistant for 1 year = \$10,000 Equipment: 2 laptop computer & software @ \$1500 each = \$3000 ----- total project cost: \$58,000 dept. match: \$10,000 Total request: \$48,000

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

will be maintained and updated through ODL infrastructure in collaboration with divisions responsible for student services and technical infrastructure

CONTACT INFORMATION

University Unit Arts & Letters Communication Studies
Coyote ID 000001325 Treadwell Ruml **Phone:** (909) 537-5820 truml@csusb.edu
Student Organization Name The Coyote Chronicle. Society for Student Filmmaking (CSUSB). CSUSB Chapter Public Relations Student Society of America

AMOUNT REQUESTED

\$64,857.00

PROPOSAL INFORMATION**Project Title:** Comm Studies Mac Lab**Project Abstract**

Creation of Communication Studies Macintosh computer lab to enable our students to learn the leading-edge communication software for (a) Digital Video Editing and Post-Production: Final Cut Pro (video editing), Apple Motion (motion graphics), Apple Soundtrack Pro (audio for video), etc., for use (i) in classes like our current Digital Video Editing course as well as future advanced courses in editing and post-production, and (ii) by members of the Local Matters and the Society for Student Filmmakers working under the guidance of our media faculty to create television content and independent film. (b) Online/Multimedia Journalism, for use (i) in courses like the Journalism Practicum and newly created upper-division courses in Online and Multimedia Journalism and (ii) by the writers and editors of The Coyote Chronicle, which has recently introduced an online edition; (c) Public Relations and Mass Communication digital video and social media production components to be used by both (i) in classes like the PR Practicum, PR communication, and PR Campaigns, Digital Media Communication, etc. and (ii) by students in the CSUSB chapter of Public Relations Student Society of America and other students to gain experience creating such things as magazine, brochures, and blogs.

How many students will be impacted annually?

300

How will this improve Student success

The ongoing digital revolution, as well as trends towards media convergence, require students to have access to state-of-the-art technology. The Macintosh platform offers the most capable programs and the most seamless integration for media creation (such as professional video and audio editing, print and web design and layout, and still-image manipulation). Students in our classes and student organizations will learn to produce and to express themselves in digital media, including print, graphics, audio, and video, gaining the experience in production and the multimedia literacy needed in careers in journalism, video production, public relations, and social media. As our students become increasingly engaged in international collaborations, their training as competent global communicators will serve them well.

How will success be measured

Student success will be measured in many ways: by grades in their course work; by their creative productions in journalism, photography, film, television, public relations, as well as by their collaborations with musicians, performing and visual artists, and others; by awards in digital media competitions, at the CSU and elsewhere; by the internships they are able to line up; and by the employment they eventual procure. Success can also be measured through student responses garnered through quantitative and qualitative instruments involving survey and focus group interviews.

PROJECT TIMELINE

Fall 2012

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)**

Alex Hedstrom, President of Society for Student Filmmakers (CSUSB) Richard Bowie, Editor-in-Chief and 22 other writers and editors of The Coyote Chronicle Kyla Cook, President, CSUSB Chapter, Public Relations Student Society of America

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program**

N/A

BUDGET DETAIL

24 Mac Mini computers @ 1,184 = 28,416 24 Apple Care warranties @ 99 = 2,376 24 Apple Final Cut Pro X software @ 149 = 3,576 24 Asus PA246Q monitors @ 479 = 11,496 24 Logitech mouse @ 18.76 = 450 12 Lorell 48" x 24" training tables @ 189.99 = 2,280 24 True Innovations chairs @ 79.99 = 1,920 24 Logitech H530 headsets @ 35.91 = 862 Tax and shipping on listed items = 3,982 Estimated costs for UH 043 conversion, installation, and additional software = 9,500 Total estimated budget = 64,847

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

The lab will require hardware, software and staff to sustain its operations. These could be funded by a combination of Instructionally Related Program funds and by lab fees.

CONTACT INFORMATION

University Unit Information Resources and Technology Office of the Associate Vice President
Coyote ID 000005030 Javier Torner **Phone:** 909-537-7262 jtorner@csusb.edu

Student Organization Name**AMOUNT REQUESTED**

\$75,850.00

PROPOSAL INFORMATION

Project Title: Virtual Instructional Computer Laboratory

Project Abstract

The campus has already in place a small deployment of virtual desktops deployed in several instructional laboratories. In addition, there is a virtual computer laboratory, with a limited number of concurrent virtual desktops, which is available only to students in selected programs or courses that require the use of specialized software applications. The concurrent virtual desktops allow students to access specific applications anytime from anywhere over the internet using a mobile device. The main objective of this project is to increase the number of concurrent virtual desktops that could be used to support some of this specialized applications. The purpose of this proposal is to add an additional 150 concurrent virtual desktops or virtual applications that can be made available to students using mobile devices and provide them with access to specialized computer applications found in instructional computer laboratories.

How many students will be impacted annually?

600

How will this improve Student success

Providing virtual desktops will allow students to gain access to specialized computer application when they need it and during times that the instructional computer laboratories are full, closed or are unavailable.

How will success be measured

Success will be measured by the number of students that will be accessing the virtual desktops and applications. In addition, we will conduct a satisfaction survey of the students who used the virtual desktops in order to obtain a student assessment of the benefits of using a virtual instructional computing laboratory.

PROJECT TIMELINE

The hardware and software will be installed and configured during the Summer--2012 to be used during the Fall-2012

PROJECT COLLABORATION

Statements of support by organization(s) or department(s)

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program**

IRT will make the current computer infrastructure available for this project and provide the on-going maintenance and back up services

BUDGET DETAIL

In order to increase the current computer system to accommodate for an additional 150 concurrent virtual desktops it will be necessary to acquire additional hardware and the corresponding software licenses for the virtual desktops. Hardware: 2 Computer Blade Servers for existing infrastructure at \$12,150.00 each:\$24,300.00 Software: 150 Citrix Concurrent Desktop licenses at \$341.00/license: \$51,550

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

CONTACT INFORMATION**University Unit** ACM

Covote Radio

Coyote ID 000937754

Lacey

Kendall

Phone: (909)537-5772

lacey@csusb.edu

Student Organization Name**AMOUNT REQUESTED**

\$27,611.97

PROPOSAL INFORMATION**Project Title:** Howl**Project Abstract**

Coyote Radio enjoys a nation-wide audience of over 12,000 monthly listeners and has been recognized by MTV as America's greatest college internet station and is one of 50 college stations featured on the iTunes website. Coyote Radio has many programs, some of which are award winning such as "An Organic Conversation, and Isla Earth." The radio station has worked closely with academic departments such as English and Communication Studies. Coyote Radio, the English Department and the Theatre Arts Department are proposing to develop a program entitled "Howl," which will be a one-hour program consisting of three segments: 1) a section of poetry, drama, fiction, and non-fiction, 2) a section featuring dramatic interpretations, and 3) an interview segment featuring a prominent writer or performer. All the aspects of the radio show, "Howl," will be produced, written, and performed by CSUSB students from the Theatre Arts Department and English Department. "Howl" will air 2-3 times per quarter, and Lacey Kendall of Academic Computing and Media will oversee all the broadcast aspects. Professor Juan Delgado, who has worked closely with Coyote Radio in the past, will work with Professor Margaret Perry and a wide range of students from both departments and others in order to create "Howl." In fact, Professors Delgado and Perry will jointly develop a new radio practicum course that will be cross-listed in their departments, allowing students to enroll in a class that will focus on developing content for "Howl."

How many students will be impacted annually?

300

How will this improve Student success

Students participating in "Howl" will engage in a classroom/laboratory experience that is completely new to CSUSB. The program will engage students across disciplines to participate in aspects of creative writing, preparation, producing, direction, performance, digital production, adaptation of content to broadcast format, and post production for broadcast. Writers will learn to direct those who interpret their work, drama students will participate in the interpretation of a multitude of different styles and genres of creative writing, and all will learn to work within the confines of producing entertaining, intellectual broadcast programming. Students will benefit greatly working collaboratively on a variety of mixed media and spoken word projects. They will also develop effective techniques and practices for interpreting and recording the voice in a variety of formats. In the developing and representation of a character's voice, students will explore the social and cultural elements involved in language. In addition, this program will offer students the tools and knowledge that translate to marketable skills and valuable experience for those entering into future job markets for writing, drama, broadcasting, communication, and digital or live production. Lacey Kendall of Academic Computing and media will oversee all broadcast aspects.

How will success be measured

We believe that "Howl" will appeal to a wide range of communities. An increase of listeners to Coyote Radio will be our first sign of our success. We strongly believe that our students are creative, hardworking, and thoughtful; they have the ability to produce engaging, educational, and thought provoking shows. Our second sign of success will be the increase of students wanting to enroll in English and Theatre Arts classes connected with "Howl." We hope to keep graduating students who can create and perform their poems, stories, interviews, and plays, developing a keen understanding of how to represent themselves and their creative work in the world. Lastly, all of our English majors are required to take English 516 (Senior Project) before they can graduate, and we will analyze their feedback on the educational experience they received by participating in "Howl." In addition, Theatre Arts students participating in "Howl" will provide feedback through TA 585 (Senior Assessment).

PROJECT TIMELINE

Fall 2012

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)**

Coyote Radio, English Department, and Theatre Arts Department, and College of Arts and Letters.

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program**

Once "Howl" is created, the different academic units will contribute in their own way to keep the radio show running.

BUDGET DETAIL

Equipment expenses. We are requesting 4 Room Monitor Speakers (\$300.00 set); 3 Shure Studio Mics (\$349.00 ea.); 2 Remote Recording Devices (\$249.00 ea.); 4 Mic Cables (\$50.00 ea.); 1 Microphone Sub Mixer (\$185.00); 3 pkg. Burnable Discs (\$19.99 pkg.); 3 pkg. CD Sleeves (\$24.00/ pkg.); 4 Music/Copy Stands (\$37.00 ea.); 5 Headphones (\$11.00 ea.); 1 Still/Video Camera (\$549.00); 6 Microphones Stands (\$98.00 ea.) The total equipment cost comes to: \$ 4001.97 In terms of labor cost, we will need 2 Graduate Assistant (\$12 x 20 hours) at the cost of \$ 6,000 and 1 Student Tech (20 hr/week) at the cost of \$5610. Lastly, we are requesting 3 release courses (\$12,000) for the development of the new radio show, development of course offerings, and coordination between two academic departments. For the release courses, key faculty members from the English and Theatre Departments will work together, forming a cross-disciplinary team. They will discuss the development of specific curriculum such as the new practicum; they will also assess the appropriate course offerings in each department, focusing on which existing courses can contribute to "Howl." They will have to take into account their on-going creative projects in a given academic year and find connections with the new radio show. Beside the academic issues, faculty will also discuss the teaching material that is produced by "Howl" and how best to archive the material and make it available to other classes and the community. Lastly, much thought must be given to intellectual property rights to ensure policies and practices that protect our students, faculty, and institution.

The total labor cost comes to: \$23,610 Total Funding Request: \$27,611.97

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

Once we have received the equipment for "Howl" and have developed the new course, we can produce 2-3 shows per quarter with little cost. Most of the costs are connected with the development of "Howl," and we can seek funding for graduate and tech student assistance from several sources such as Instructionally Related Programs and external grants.

The Associate Vice President for Undergraduate Studies will allocate a portion of the time of the two Retention Specialists to assist with the preliminary steps of the selection and implementation process and provide some support for the advisory working group. The Director of Advising and Academic Services will also allocate time toward the implementation of this project. Key staff in IRT as well as Records, Registration, and Evaluation will be needed through all phases of the project. Other administrators as well as advisors from each of the Colleges will at given points in time work intermittently on aspects of the project.

BUDGET DETAIL

Budget Software Licensing \$84,600 Implementation & Training (provided by vendor) \$178,200

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

This system would replace or supplement the current degree audit software (PAWS) that is currently used on campus.

CONTACT INFORMATION

University Unit IRT Academic Computing & Media
Coyote ID 000001819 Steve Waldman **Phone:** 909-537-7168 swaldman@csusb.edu

Student Organization Name**AMOUNT REQUESTED**

\$3,000.00

PROPOSAL INFORMATION

Project Title: Blackboard Mobile Learn

Project Abstract

Currently our campus uses Blackboard for our learning management system. Through an agreement with Sprint, Blackboard offers some functionality to mobile Sprint phones. This project proposes to purchase the Blackboard Mobile Learn module which would expand the reach of Blackboard functionality to more mobile devices, such as the iPhone OS, Android, and Blackberry.

How many students will be impacted annually?

16,000

How will this improve Student success

The Blackboard Mobile Learn module will give students access to their courses and content on a variety of mobile devices thus enhancing their ability to be engaged in their classes. Most students carry a mobile device, so the ability to access course materials easily will ensure students are more responsive to course assignments, readings, and aware of exam schedules.

How will success be measured

This project will measure the number of connections through this mobile access. In addition a quarterly survey of students will be conducted to assess if the application is useful and effective. Results from the survey will be shared with Blackboard in the hopes that they will consider improvements in later versions.

PROJECT TIMELINE

Start July 2012, Complete September 2012, First Quarter Fall 2012

PROJECT COLLABORATION

Statements of support by organization(s) or department(s)

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program**

None

BUDGET DETAIL

Blackboard Mobile Learn - \$3,000 annual maintenance fee

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

This is an annual contract that will require funding each year. If the student surveys suggest that it is a valuable module, another request will need to be forwarded to the Vital Technology Fee committee to continue support.

CONTACT INFORMATION

University Unit College of Natural Sciences Kinesiology
Coyote ID 000062490 Hosuna So **Phone:** 909-537-7234 hosungso@csusb.edu

Student Organization Name**AMOUNT REQUESTED**

\$15,900.00

PROPOSAL INFORMATION**Project Title:** Examining the effects of Dartfish Video Analysis using iPads on Student Skill Acquisition, Teaching Practices and Effectiveness**Project Abstract**

The purpose of this project is to examine the effects of video feedback (VF), as an instructional technology, presented through Dartfish® video analysis software using iPads on skill acquisition and teaching/coaching effectiveness for both Kinesiology majors (i.e., pedagogy, exercise sciences, and pre-physical therapy) and students at CSUSB, interested in health-related field and taking physical activity courses (i.e., weight training, body conditioning, jogging, Yoga, martial arts, dance) as a general education requirement. Dartfish® is an innovative tool that enables teachers, professors, coaches, players, and students to create their own video highlights during performance and teaching. On August 2, 2011, Dartfish® recently released Dartfish Easy Tag for iPad that is a free application available on the Apple Application store. Using iPads, Dartfish Easy Tag enables students and sports enthusiasts to mark interesting learning and events live during learning environments and games, quickly synchronize them for review and create statistical reports. As a result, students (users) can record movement patterns, teaching practices, game highlights, skill acquisition with a quick tap on the screen which will automatically create video highlights with tagged events and save precious time. With Dartfish Easy Tag for iPads, students (users) can take e-notes live while staying focused on the learning and movement, refer to e-notes while on the move anytime and anywhere, customize their tagging panels and projects, and select fixed, user-defined or open duration periods to time-stamp key moments in learning and movement. While it is easy to film and capture learning and movement highlights using video cameras connected to the computer, it is not easy to keep track of the key moments live without mobile devices as iPads. Students learn best when they see themselves in action. iPads with Dartfish Easy Tag can provide immediate feedback to students. It will also allow students to improve their performance and learning as they can compare themselves to other students. Sometimes they think they are not good, but when they see themselves on video, they realize that they are good.

How many students will be impacted annually?

500

How will this improve Student success

Students learn best when they see themselves in action. iPads with Dartfish Easy Tag can provide immediate feedback to students. It will also allow students to improve their performance and learning as they can compare themselves to other students. Sometimes they think they are not good, but when they see themselves on video, they realize that they are good. This project will also examine the effects of video feedback using iPad with Dartfish Easy Tag on creating a positive learning environment where students are (a) engaged in the learning process, (b) encouraged to use problem solving and critical thinking skills, (c) empowered to become self-regulated learners, and (d) encouraged to dialogue with other students and the teacher.

How will success be measured

Student success will be measured on positive and productive class participation and engagement, improvements of the technical aspects of skill acquisition, skill performances, and practical teaching effectiveness for teaching majors.

PROJECT TIMELINE

09/20/2012 - 09/20/2012, Fall 2012

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)**

Statement from Dean David Maynard: "This is the RFP I discussed at the end of last Monday's meet. Lorraine Frost just emailed to the campus the Vital Technology Fee proposal as described on the IRT webpage at <http://irt.csusb.edu/VitalTechnologyFeeCallforProposals.htm> It might be worth your time to submit a general or college proposal for a portion of the Vital Technology Fee before March 6. The Application Procedure simply requires that applicants complete a Vital Technology Student Fee Proposal Request for Funds Form posted at <http://www.surveygizmo.com/s3/820359/dac86e248642>. Of the \$563,000 that will be available, \$197,050 is designated for general proposals focusing on technology needs of the general student body and \$168,900 for college specific proposals may address a specific discipline need or program. If you need any software, this might be a good RFP." Statement from Chair Dr. Terry Rizzo, "Would you consider applying for support to purchase iPads for Dartfish software"

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program**

Dartfish Software License purchased through college of natural sciences in Winter 2012.

BUDGET DETAIL

30 Apple iPad-2 Wi-Fi 16GB @ \$499.99/each = \$14,999.70 30 Supershell Jacket for Apple iPad-2 @29.99/each = 899.30 Dartfish Easy Tag Software - Free Apple Application A total of \$15,900.00

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

Each quarter, the Department of Kinsiology has offered more than 10 classes specifically related to pedagogy concentration (preparing future physical education teachers how to effectively teach in physical education and physical activity settings) and more than 10 general physical activity classes that requires skill acquisition and performance such as weight training, Yoga, body conditioning, track and field, martial arts, self-defense, dance classes. For all of these classes, iPads with Dartfish Easy Tag can provide immediate feedback to students. As a pilot study, two classes each from major and general PE classes will be selected in Fall 2012. After the pilot project, all pedagogy preparation major classes dealing with teaching sport skills will be required to include technology components of visual feedback using iPads which will meet standards set by California Commission of Teaching Credential (CTC). In addition, having this instructional technology in activity classes will bring positive and enjoyable learning environments to the students at CSUSB. Our university will be the first and only place in America to use this system in physical education and physical activity classes.

CONTACT INFORMATION**University Unit** Arts & Letters

World Languages & Literatures

Coyote ID 000008605

Terri

Nelson

Phone: 537-5849

tnelson@csusb.edu

Student Organization Name**AMOUNT REQUESTED**

\$31,297.86

PROPOSAL INFORMATION**Project Title:** Multimedia Language Center Computer Upgrade**Project Abstract**

The Multimedia Language Center (MMLC) of the Department of World Languages and Literatures serves over 2000 students per quarter by providing access to foreign language films, software and learning tools to support instruction in 15 languages. It is also used extensively for placement testing, challenge exams and outcomes assessments. The MMLC provides critical support to students in the Summer Language Intensive Programs. With the rapidly changing developments in technology, however, the equipment has not kept pace. The Sanako Language Learning system software will no longer run on the computers purchased in 2007; RAM upgrades are requested. The 25 PC computers purchased in 2004 need to be replaced since they no longer have the memory or the processor speed to run the most frequently used software (and are painfully slow in performing even the most basic functions). Finally, the MMLC LAN/key server is also very outdated and needs to be replaced. The MMLC owns a number of networked software products.

How many students will be impacted annually?

7,000

How will this improve Student success

Students are required to spend a minimum of one hour per week in the MMLC for most WLL courses. Specialized software for language learning is available to students in the MMLC, as well as some specialized equipment. Software enhances students' ability to read, write, speak and listen to the target language. Students also undertake placement exams (to determine the best course for them), challenge exams (to meet GE requirements with languages previously studied) and outcomes assessment tasks (for program improvement, as well as CCTC accreditation).

How will success be measured

If the computer hardware can be brought up to date, we can continue to offer high quality ancillary materials for foreign language study thus continuing to achieve the goals we've established for our courses. Without the computer hardware, we expect that student performance will decline. We are currently implementing new testing software for placement and outcomes assessment that will allow us to keep track of student performance.

PROJECT TIMELINE

ASAP, End Date: when these computers are completely outdated (usually 5-7 years for tech renewal), Begin Spring 2012

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)**

""The Multimedia Language Center is a place where I am able to focus and get a lot of my studying done thanks to the great tools provided and friendly environment."" Itzel Viramontes B.A. Spanish Hispanic Literature I think the lab is a very useful source for students, who like me don't have access to a computer at home and have to rely on constantly going to public libraries. I think that having the lab here on campus makes it easier for me to focus on my school work since the rest of the people in here are students and many of them are even classmates, having a nice, peaceful and resourceful place to study is very helpful in preparing for my classes and consequently getting my degree. I am thankful that the language lab is available for student use making easier to work on assignments and then go to class without losing a considerable amount of time looking for a public library that might or might not have computers. Another very positive aspect of having the lab is that the director has installed all of the software we may need for any language class onto the computer so that whenever we may need it, it is available to us, which makes it only easier to study without having to carry everything back and forth. Conclusively, the most important and helpful thing in the lab is the fact that there is always someone who can answer any questions regarding technology, being that the director is computer smart, or language, since there is tutor available here for the foreign languages, something libraries do not have. I am grateful to have the lab here on campus. Teresa Zabalsa B.A. Spanish, Language, Literature, and Civilization

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program**

Software purchased through course fees

BUDGET DETAIL

a) 22 count of 2GB 240-pin DIMM upgrades for OptiPlex 745 Series computers + 8% sales tax = \$747.78 b) 25 OptiPlex 990 Minitowers with USB Entry Keyboard, Dell P2210 Monitor, 500GB Hard Drive, 8GB RAM, 3.4GHz processor + 8% Sales Tax and \$200 State Environmental Fee = \$24,034 c) 1 Dell PowerEdge R710-Enhanced Server + 8% sales tax = \$6516.08

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

Without the requested hardware upgrades, the MMLC will no longer be able to meet student needs.

CONTACT INFORMATION

University Unit College of Education Science Math Technoloav

Coyote ID 000023204 Think Ly **Phone:** tly@csusb.edu

Student Organization Name

AMOUNT REQUESTED

\$20,000.00

PROPOSAL INFORMATION

Project Title: COE Mobile Laptop Lab 2012

Project Abstract

A lab set of 25 Computers (CSUSB HP Pricing) is requested for the STEM program. The laptops requested are HP 6560b Probooks i5-460, 4gb of RAM, 250GB Hard Drive, Windows 7. Price per unit: \$749 Units neededL 25 Total: \$18,725.00

How many students will be impacted annually?

150

How will this improve Student success

Laptops will be deployed into classroom environments. Fewer lab time reservations would be needed.

How will success be measured

Success will be measured by how many professors reserve and use the mobile labs during instructional time.

PROJECT TIMELINE

First Quarter of Use, Right Away

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)**

The STEM department (Science, Math, and Technology Education) will fully support the implementation of mobile laptop lab.

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program**

COE may match lab with additional 25 unit laptops.

BUDGET DETAIL

HP Contract Pricing, Keith Castillo 2012 resource. Price per unit: \$749 Units neededL 25 Total: \$18,725.00

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

N/A Usage will be indefinite.

CONTACT INFORMATION**University Unit** CNS

Mathematics

Coyote ID 000018225

Peter

Williams

Phone:

pwilliam@csusb.edu

Student Organization Name**AMOUNT REQUESTED**

\$8,265.00

PROPOSAL INFORMATION**Project Title:** Maple**Project Abstract**

Maple is a computer algebra package used primarily in a sophomore math class where it is introduced to students. It is also assumed in higher level classes such as linear algebra, modelling, and numerical analysis.

How many students will be impacted annually?

105

How will this improve Student success

Students will be exposed to a high level computer algebra package which can be used at all levels of their undergraduate degree in math and later in the workforce.

How will success be measured

We will be able to run the class with new version of the software.

PROJECT TIMELINE**PROJECT COLLABORATION****Statements of support by organization(s) or department(s)**

The department has technical support for this project as well as labs in which to run the software.

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program**

3 computer labs and technicians

BUDGET DETAIL

Maple license agreement \$7,600 for 50 users Tax \$665

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

The department will fund the license in later years

CONTACT INFORMATION

University Unit Academic Affairs/College of Education Doctoral Studies
Coyote ID 000012414 Robert Garcia **Phone:** 909-537-5449 rgarcia@csusb.edu

Student Organization Name**AMOUNT REQUESTED**

\$18,725.00

PROPOSAL INFORMATION**Project Title:** Mobile Laptop Project**Project Abstract**

The College of Education submits the "Mobile Laptop Project" for review and consideration. The scope of the project is to purchase 25 HP 6560b Pro-Book Laptops in order to convert CE-241 (50 seat computer lab) to a dual use interdisciplinary classroom and laptop computer lab. The resulting space will be immediately available for interdisciplinary and COE program courses. Total Vital Technology Funds Request \$18,725.00 College Matching Funds \$ 7,400.00 Total Project Budget \$26,125.00 The mobile laptops will also be used in spaces throughout the College of Education building as needed to enhance student access to technology. Funding this proposal will allow the College of Education to achieve several objectives: 1) enhances student access to technical and assistive tools across the institution; 2) support a high utilization rate of laptops for student groups; and 3) achieve improved space utilization by converting CE-241 to a dual purpose classroom and increase FTE productivity in the COE building - (Chancellor's Office mandate). The College of Education will provide matching funds in the amount \$7,400.00 for the purchase of assistive technology accessories and supplemental software (requested by our Ed. Doctorate program) for use with the laptops.

How many students will be impacted annually?

650

How will this improve Student success

This project will help improve student success by providing increased access to technology to students that might not otherwise have. The project will help increase the number of computer stations with assistive technology better serving our student population with special needs.

How will success be measured

By the increased computer access to for students in courses that have digital information component. Lab utilization is tracked and logged by the college of education .
 By the number of students with special needs served. Service requested logged by technical staff. By the improved space utilization requested by the Chancellor's Office. Tracked by CPDC.

PROJECT TIMELINE

April 2012, June 2012, Summer Quarter 2012

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)**

This proposal is fully supported by the Office of the Dean and the Doctoral Studies Program. In addition, the Capital Planning, Design & Construction is fully supportive of the College proposal to convert CE-241 to dual use and has been working with the COE staff to develop plan to increase FTEs and improve space utilization.

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program****BUDGET DETAIL**

25 laptops @ 749.00 each = \$18, 725.00 25 assistive technology kits (mouse, keyboards, software) @ \$200.00 each = \$5,000.00 (college matching funds) 5 NVIVO software licenses @ \$600.00 = \$2,400.00 Total Project Budget: \$26,125.00 Technical support provided by COE tech staff. Projected sustainable costs: \$27,400.00 over 4 years

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

The College of Education will provide funding and technical support necessary to sustain the mobile laptop project as a permanent element in the College of Education technology program: 1) The COE will provide for repair and replacement of the equipment (normal 4 year replacement cycle); 2) Equipment will be support by College of Education Technology staff; 3) The COE will provide funding for supplemental software licenses and assistive technology resources.

CONTACT INFORMATION

University Unit Social and Behavioral Sciences Psychology
Coyote ID 000006616 Cynthia Crawford **Phone:** 537-7416 cccrawfor@csusb.edu

Student Organization Name**AMOUNT REQUESTED**

\$212,874.00

PROPOSAL INFORMATION**Project Title:** Modernization of the Psychopharmacology Laboratory**Project Abstract**

The Psychopharmacology Laboratory supports the research interests of those faculty and students in the Department of Psychology specializing in Biological Psychology. In the last ten years, 13 students have earned their MA degrees and dozens of undergraduates have completed Independent Study and Honor â€™s projects using equipment housed in this laboratory. The Psychopharmacology Laboratory is also used to train students in the Advanced Laboratory Course in Biological Psychology. Over this ten year period, the Psychopharmacology Laboratory has provided the equipment to support five faculty-initiated NIH research grants, as well as providing data for 28 peer-reviewed articles. Importantly, these research grants are primarily used to fund student researchers, with all of the research articles generated through the Psychopharmacology Laboratory having student co-authors. Unfortunately, much of the equipment in the Psychopharmacology Laboratory is aging and no longer provides students with the type of research experience that will help them get into quality Ph.D. programs. To modernize the Psychopharmacology Laboratory, we need funds to update or replace existing equipment and to purchase new items. We believe that this request is appropriate for funding through the Vital Technology Student Fee program, because it will provide state-of-the-art psychopharmacology training to CSUSB students.

How many students will be impacted annually?

35

How will this improve Student success

Access to modern equipment benefits student in a number of ways. First, using cutting-edge equipment motivates students to participate in research and increases their interest in the field. Countless studies examining predictors of student performance have noted that student motivation to learn is essential for academic achievement. Second, access to modern equipment will increase the ability of faculty to receive NIH grants that fund student research. Lastly, updating the equipment will increase the likelihood that research projects with student co-authors will be deemed worthy of publication, thus greatly increasing the chances of our students getting into prestigious Ph.D. programs.

How will success be measured

Assessment of the Psychopharmacology Laboratory will be based on student achievement. We will document the numbers of students using the equipment and how many apply to graduate school and how many get accepted. We will also record both the number of student presentations at national conferences and the number of student-authored peer-reviewed publications.

PROJECT TIMELINE

We will order the equipment as soon as we are notified of funding. It will probably take four months to get all the equipment ordered and received. The equipment should be available for use by F

PROJECT COLLABORATION

Statements of support by organization(s) or department(s)

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program****BUDGET DETAIL**

Real Time PCR machine	Applied Biosystems	\$66,000.00	Upgrade for activity chambers	Coulbourn/Dell	\$8,150.00	Motion Detection system	Noldus
Information Tech	\$14,000.00 (10) Operant chambers		Coulbourn/Med Assoc	\$26,190.00 (3) Rat acoustic startle system	Coulbourn		\$25,000.00 HPLC
system with EC Waters/Fisher Thermo	\$52,000.00			Subtotal	\$191,340		
Tax and shipping	\$ 21,534		Grand Total	\$212,874			

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

The Psychology Department will provide funds for the maintenance and repair of the equipment. The supplies and other needs will be met by external funds obtained by faculty using the equipment.

CONTACT INFORMATION

University Unit	Campus wide	Campus wide			
Coyote ID	000005784	Francisca Beer	Phone:	909-537-5709	fbeer@CSUSB.EDU
Student Organization Name	NA				

AMOUNT REQUESTED

\$5,000.00

PROPOSAL INFORMATION**Project Title:** Office Student Research (OSR)**Project Abstract**

The Office of Student Research (OSR) is a new office that was established to support and promote student research and creative activity across campus. The CSUSB OSR is now in the process of securing an office on campus where students will be able to gather information about research and creative activity. In order to better serve our students, we are in need of two desktop computers, a printer and a laptop.

How many students will be impacted annually?**How will this improve Student success**

Involving students with research and creative activity has been shown to improve retention rate, to increase graduation rate and to reduce the retention gap rate for African American male students. At most universities with similar offices, students involved in research and creative activity report a richer and more meaningful college experience.

How will success be measured

The office of student research is in the process of developing a survey to evaluate students involvement with research and creative activity.

PROJECT TIMELINE

The office was created in the Fall (2011)

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)**

The OSR is supported by ASI, each college, the Associate Provost for Research and the Provost.

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program**

The office has a small budget of \$20,000 for the academic year (\$5,000 Student Success)

BUDGET DETAIL

The two desktops will allow us to assist more than one student at any given time. The laptop will be used for work that will be done remotely from the office. In addition to the computers, we will need a printer and Microsoft Office. Cost per desktop: \$1,120 (Apple Desktop) Cost of Laptop: \$1,823 (Apple Mac Book Pro) Cost of printer: \$450 (HP laser Jet Pro) Microsoft Office

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

The office was created by Dr. Thompson, Associate Provost. It is supported by one assigned time for the Director. The office has secured funding for 3 years. I hope that the benefits of been involved with research and creative activity will ensure that the OSR becomes a permanent part of the university resources. Students involved with research and creative activity acquire academic skills that transfer directly and effectively to their coursework. A research component is a fast track to professionalism, both because it introduces students directly to the tools and methods of their disciplines, and because it introduces them to a community of scholars, researchers, and practitioners. Finally, been involved with research and creative activity provide valuable credential in the eyes of graduate programs and potential employers.

CONTACT INFORMATION

University Unit Student Affairs Santos Manuel Student Union
Coyote ID 000001373 Aaron Burgess **Phone:** ext. 77506 aburgess@csusb.edu

Student Organization Name**AMOUNT REQUESTED**

\$49,909.75

PROPOSAL INFORMATION**Project Title:** SMSU Events Center A/V Enhancement**Project Abstract**

The Santos Manuel Student Union (SMSU) Events Center has become a hub serves many student and department related programs annually. A majority of these events require some type of Audio Visual equipment. Events requiring special set-ups such as Convocation Style or events facing the north side of the building to name a few, usually require additional personell hours to prepare for such set-ups. These cost are usually forwarded to the student group or departments. Which can be challenging during the current financial condition of our University. In addition, the current equipment in the Events Center was installed in 1999. Many components are starting to fail and besed on the repair and replacement police of the Santos Manuel Student Union (SMSU). Electronic equipment is up for replacement every 7 years. We would like to replace the equipment in events centers A and C. We would also like to install a turn key system in Events Center B.

How many students will be impacted annually?

15,000

How will this improve Student success

Students clubs and orgs. continue to use the Events Center as well as other parts of the Student Union as a hub for events to excel both academically and socialially. Students also attend other events during their college experience. We are currently hosting about 40 events per week in the SMSU. By installing built-in systems we will reduce the amount of time needed between events thus allowing more events to take place.

How will success be measured

We currently keep records of total attendance for events held by the SMSU year over year for events taking place in the SMSU. Everytime an event is held in the SMSU an evaluation form is sent to the client to see if there is anything else we can do to improve their experience. We also track the number of events by clubs departments and off campus entities as well as the number of visitors coming into the SMSU.

PROJECT TIMELINE

If approved for the funds we would like for it to take place over the Summer of 2012

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)**

I have spoken to Mark Day, Director of the Santos Manuel Student Union and he is in full support of this project. If additional documentation is needed we will provide.2

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program**

Yes, The SMSU may be able to assist with funds

BUDGET DETAIL

2 - ELECTROVOICE Xi -2123A/106F \$6,000.00 6 - ELECTROVOICE FRI 2082 DUAL 8"" FULL RANGE FILL SPEAKER \$4,200.00 4- QR x- 118S SINGLE 18"" SUB WOOFER \$4,400.00 1 - ASHLY PROTEA 24.24 MATRIX PROCESSOR SPEAKER CONTROLLER \$2,200.00 3 - ASHLY WR5 WALL CONTROL FOR MATRIX PROCESSOR \$450.00 1 - LOT INSTALL MATERIALS: BULK CABLE, CONECTORS, RIGGING MATERIAL ETC...\$2,500.00 3 - ELECTROVOICE CP2200 POWER AMPS \$3150.00 5 - ELECTROVOICE CP3000S POWER AMPS \$7,500.00 1 - ELECTROVOICE CP4000S POWER AMP \$1,800.00 1 - LOT AMP RACKS AND RACEWAY \$2,500.00 Subtotal \$34,700.00 Tax \$3,383.25 Labor \$12,000.00 Total \$49,909.75

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

We are continually upgrading and installing A/V equipment to enhance the quality of life at CSUSB.

CONTACT INFORMATION**University Unit** CSBS**Coyote ID** 000002378 Mark Agars **Phone:** 909-537-5433 magars@csusb.edu**Student Organization Name****AMOUNT REQUESTED**

\$98,355.78

PROPOSAL INFORMATION**Project Title:** Upgrade network cables and switches for student labs in CSBS**Project Abstract**

Current Network lines are of category 5e vintage and are functional however they are attached to a network comprised of 100 Mbps blades that are unable to handle current network requirements efficiently. Therefore services that students could use in instruction, desktop redirection and a faster internet experience is not being implemented. These switches also pose other more important limitations as they are unable to cope with IT pushing out software to client systems efficiently forcing downtime for routine software updates thereby disrupting lab time for students. Replace the current 100 Mbps network switches with 1Gbps switches. Replace network lines from the old 100 Mbps category 5 vintage wires in the labs Category 6 or 5e that has a faster transfer speed of up to 1,000Mbps. Needed per floor: - Basement: 24 - 1st Floor: 48 - 2nd Floor: 0 - 3rd Floor: 72 - 4th Floor: 144 - 5th Floor: 24 - Total Jacks needed: 312. - Total Network Blades needed to accommodate jacks: 18 a. Allows student computers to transfer data quickly and get course material en masse efficiently from faculty. b. Reduces lab down time and IT costs by allowing IT to easily and expeditiously push software updates and installs over the network without hang time. c. Allows systems to communicate faster allowing users better access to network resources. Allows the capability to have document redirection as a more feasible option.

Allows student computers to transfer data quickly and get course material en masse efficiently from faculty. Reduces lab down time by allowing IT to easily and expeditiously push software updates and installs over the network without hang time, delays, or class disruptions. Allows systems to communicate faster allowing users better access to network resources and allows the capability to have network document storage as a more feasible option.

How many students will be impacted annually?

4,887

How will this improve Student success

Allows student computers to transfer data quickly and get course material en masse efficiently from faculty. Reduces lab down time by allowing IT to easily and expeditiously push software updates and installs over the network without hang time, delays, or class disruptions. Allows systems to communicate faster allowing users better access to network resources and allows the capability to have network document storage as a more feasible option.

How will success be measured

Success will be measured over the span of one year to via reports on data usage, software push/updates statistics and student surveys (Will be made available up on request).

PROJECT TIMELINE

Project start date will be on or around April 1st with an estimated end date of September 2012. First quarter of use will be Fall 2012

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)**

This proposal is for the College of Social and Behavioral Sciences.

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program**

CSBS IT can provide labor to install cables.

BUDGET DETAIL

Cost for cables \$936 [2.99x312 cables]. Cost for switches is 97419.78 [5412.21 X 18]

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

Equipment is a onetime purchase and can fit in place of current systems maintained by TNS. As these will be a one for one swap, it should be designed to fit requirements by TNS to maintain support by them of the equipment

CONTACT INFORMATION**University Unit** CSBS**Coyote ID** 000002378 Mark Agars **Phone:** 909-537-5433 magars@csusb.edu**Student Organization Name****AMOUNT REQUESTED**

\$23,980.00

PROPOSAL INFORMATION**Project Title:** REPLACE SB OPEN LAB COMPUTERS**Project Abstract**

Currently computers are 4 to 5 years old and unable to keep up with software requirements such as windows 7, and new versions of instructional software (SPSS, GIS) which is hindering student usage. The systems are also out of warranty and slow thus more prone to failure and are limiting the efficiency of IT staff and faculty.

How many students will be impacted annually?

3,400

How will this improve Student success

Many students do not have ready access to tables or find carrying a laptop cumbersome. There are also many students who cannot afford to purchase these items yet still require access to those systems to complete assignments and learn. Having access to a lab with the latest technology that can handle the needs of students not only levels the field but also gives the students to printing and allows them to complete assignments in a quiet learning environment with support from lab technicians.

How will success be measured

Student usage of lab systems and printing will be monitored and reports will be provided upon request.

PROJECT TIMELINE

Project start date will be on or around April 1st with an estimated end date of April 29th 2012. First quarter of use will be Spring or fall 2012

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)**

This program is proposed by the College of Social and Behavioral Sciences.

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program**

CSBS IT will purchase, configure, install, and maintain all equipment.

BUDGET DETAIL

(25 HP computers at \$880 each, plus tax)

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

Equipment is a onetime purchase and can fit in place of current systems maintained by CSBS IT. CSBS IT will maintain the equipment free of charges as a service to students as long as the computers fit the campus standard models ordered by the CSUSB computer standards committee.

CONTACT INFORMATION**University Unit** CSBS**Coyote ID** 000002378 Mark Agars **Phone:** 909-537-5433 magars@csusb.edu**Student Organization Name****AMOUNT REQUESTED**

\$12,600.00

PROPOSAL INFORMATION**Project Title:** OPEN LAB LABOR FOR ONE YEAR AT 40 HOURS PER WEEK**Project Abstract**

Current funding only affords 20 hours a week for student assistants to provide support for the open lab. The other 20 hours are to be covered by work study which is not a reliable source of financial support. This SEVERELY restricts usage and availability of a student lab for all students on campus as many students must go to the CSBS building to attend capstone courses. Having additional student support is urgently needed in this area.

How many students will be impacted annually?

3,400

How will this improve Student success

Many students do not have ready access to tables or find carrying a laptop cumbersome. There are also many students who cannot afford to purchase these items yet still require access to those systems to complete assignments and learn. Having access to a lab with the latest technology that is available when the students need it and is staffed with knowledgeable student staff to assist other students would greatly benefit students using the lab.

How will success be measured

Student usage of lab systems and printing will be monitored and reports will be provided upon request.

PROJECT TIMELINE

Project start date will be on or around September 1st with an estimated end date of Juen 30 2013. First quarter of use will be fall 2012

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)**

This program is proposed by the College of Social and Behavioral Sciences

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program**

Currently the college provides support to cover 20 hours epr week of open lab.

BUDGET DETAIL

(2 lab assistants at 20 hours a week each at a cost of \$8.75 hour for 3 quarters)

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

CSBS IT will maintain the lab and attempt to seek alternate means for funding in the future.

CONTACT INFORMATION

University Unit College of Arts & Letters Communication Studies
Coyote ID 000001325 Treadwell Ruml **Phone:** (909) 537-5820 truml@csusb.edu
Student Organization Name Local Matters

AMOUNT REQUESTED

\$19,367.60

PROPOSAL INFORMATION

Project Title: Video Switcher for *Local Matters*

Project Abstract

Local Matters is a student-produced, community-service-oriented television program, cable cast through the Inland Empire. Students write, produce, direct, shoot, and edit a variety of stories that have relevance for both the CSUSB and Inland Empire. Students from all majors are encouraged to participate in the Local Matters productions. On-air talent can audition for a spot in the program, and students with interests, but without much production experience, can enroll in a course for internship credit, where they learn the roles of the various staff and crew positions. *Local Matters* provides students with the opportunity to engage in community service while learning the art & practice of writing, producing, directing, and editing video stories. The new switcher is needed to make the continued production of *Local Matters* possible and improve the students' educational experience.

How many students will be impacted annually?

35

How will this improve Student success

The Switcher is the heart of the Communication Studies Production Studio, where *Local Matters* and other productions are produced. The current equipment is not only out-of-date, but failing. It required a \$1,000 repair last Fall, and that was just a patch. Parts are increasingly difficult to find. To provide students with a relevant educational experience, the Studio must move to a high-definition/digital format.

How will success be measured

The continued production of *Local Matters* will be a success in its own right. Success can also be measured by the internships and ultimately jobs that students who have participated in the program procure.

PROJECT TIMELINE

ASAP

PROJECT COLLABORATION

Statements of support by organization(s) or department(s)

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM

Matching funds or resources allocated to project/program

BUDGET DETAIL

Multi-Format Video Switcher (a Roland V-1600HD, multichannel, multiple video input/output formats, live production, multiscreen solutions/multizoom, built-in high-resolution monitor, 64 memory, downstream keyer, intuitive operation).....\$17,795.00 Tax and Shipping Costs.....\$1,572.60 Total Cost.....\$19,367.60

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

The new switcher will be far more easy to maintain than the old one is. Such maintenance is likely to be supported by Instructionally Related Program fees.

CONTACT INFORMATION**University Unit** CSBS**Coyote ID** 000002378 Mark Agars **Phone:** 909-537-5433 magars@csusb.edu**Student Organization Name****AMOUNT REQUESTED**

\$14,000.00

PROPOSAL INFORMATION**Project Title:** Replace network cables to SBS Server rack with Fiber to support GIS**Project Abstract**

The current GIS server is connected via cat6 cables to the network which has a maximum throughput of 1Gbps. With as many as 26 users in the GIS lab, each with files that need to be edited on the server that over 100MB in size (not including any over head from the systems) the 1 Gbps is not sufficient and is causing a bottle neck. We suggest running fiber lines to a fiber switch in the rack and connect the GIS server directly to it thus giving it a theoretical maximum throughput of 10 Gbps.

How many students will be impacted annually?

300

How will this improve Student success

This upgrade would allow student computers to transfer data quickly and get course material en mass efficiently from faculty. Allows systems to communicate faster allowing users better access to network resources and allows the capability to have document redirection to be a more feasible option.

How will success be measured

Success will be measured over the span of one year to via reports on data usage, software push/updates statistics and student surveys (Will be made available up on request).

PROJECT TIMELINE

Project start date will be on or around April 1st with an estimated end date of September 2012. First quarter of use will be Fall 2012

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)**

This program is proposed by the College of Social and Behavioral Sciences

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program****BUDGET DETAIL**

Total project costs are for cables.

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

CONTACT INFORMATION**University Unit** CSBS**Coyote ID** 000002378 Mark Agars **Phone:** 909-537-5433 magars@csusb.edu**Student Organization Name****AMOUNT REQUESTED**

\$83,450.00

PROPOSAL INFORMATION**Project Title:** REPLACE SB459, 461, and 463 LAB COMPUTERS**Project Abstract**

Currently computers are 4 to 5 years old and unable to keep up with software requirements such as windows 7, and new versions of instructional software (Such as SPSS) which is hindering student usage. The systems are also out of warranty and slow thus more prone to failure and are limiting the efficiency of IT staff and faculty.

How many students will be impacted annually?

1,800

How will this improve Student success

Having access to a computer lab with the latest systems that can handle the needs of current and future instructional standards will only help solidify student success. The computer labs are high usage classrooms for critical courses.

How will success be measured

Student usage of lab systems and printing will be monitored and reports will be provided upon request.

PROJECT TIMELINE

Project start date will be on or around April 1st with an estimated end date of April 29th 2012. First quarter of use will be Spring or fall 2012

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)**

This proposal is from the College of Social and Behavioral Sciences.

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program**

CSBS IT will purchase, configure, install, and maintain all equipment.

BUDGET DETAIL

(75 HP computers at \$880 each, plus tax)

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

Equipment is a onetime purchase and can fit in place of current systems maintained by CSBS IT. CSBS IT will maintain the equipment free of charges as a service to students as long as the computers fit the campus standard models ordered by the CSUSB computer standards committee.

CONTACT INFORMATION**University Unit** CSBS**Coyote ID** 000002378 Mark Agars **Phone:** 909-537-5433 magars@csusb.edu**Student Organization Name****AMOUNT REQUESTED**

\$10,060.00

PROPOSAL INFORMATION**Project Title:** Install coyote one card charge machine**Project Abstract**

Currently there aren't any coyote one charge machines (so that students can put funds on their coyote one cards) in the college of social and behavioral sciences building. This is a source of great inconvenience as the copiers, printers, and some computers in CSBS are on the coyote one system yet students must go to other buildings on campus to get funds on their cards. Having a "one" card system in a large university with only one central location to recharge funds does a huge disservice to both the students and the one card system itself.

How many students will be impacted annually?

3,400

How will this improve Student success

A coyote one card machine in the open lab of CSBS affords students ease of use facilities to recharge the coyote one card in an efficient manner. Students would benefit as they can concentrate on completing assignments in a timely manner earning better grades as opposed to attempting to locate the closest other station to put funds on the coyote one card. Having a Coyote one card recharge machine would greatly benefit student success.

How will success be measured

Student usage of lab systems and printing will be monitored and reports will be provided upon request.

PROJECT TIMELINE

Project start date will be on or around April 1st with an estimated end date of 2 May 2012. First quarter of use will be Spring 2012

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)**

This proposal is from the College of Social and Behavioral Sciences

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program****BUDGET DETAIL**

8398.50 initial cost, \$162.00 shipping & install associated costs ~\$1500

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

Maintenance requires an annual fee of \$1,041 and will be funded for by lab printing fees.

CONTACT INFORMATION

University Unit Student Affairs Enrollment Services
Coyote ID 000014338 Olivia Rosas **Phone:** ext. 77577 orosas@csusb.edu

Student Organization Name**AMOUNT REQUESTED**

\$10,000.00

PROPOSAL INFORMATION

Project Title: Student Services

Project Abstract

The computer stations at the One-Stop Shop in University Hall composed of several offices in Enrollment Services and Bursar's need to be replaced. This proposal is intended to continue to provide the level of service and access students need to be successful at the university.

How many students will be impacted annually?

5,000

How will this improve Student success

By providing current and prospective students with access to computer stations in close proximity to the Financial Aid Office, Admissions and Student Recruitment, Records, Registration and Evaluations and Bursar's, we ensure they can take care of all their business transactions in one stop (from submitting an admissions application online at CSUMentor to reviewing financial aid awards to registering for courses). Students will have easy access to their MyCoyote account, receive up to date information on their application and registration date and if they have any items to take care of they can go to the respective office right away. In addition, this service will also help with retention and graduation as it will help secure their enrollment.

How will success be measured

Success will be measured by monitoring usage of the computer stations.

PROJECT TIMELINE

April 2012-April 2015. Start in Spring 2012

PROJECT COLLABORATION

Statements of support by organization(s) or department(s)

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program**

N/A

BUDGET DETAIL

10 computers @ 900 each plus tax.

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

The goal is to secure funds from various sources when computers need to be replaced.

CONTACT INFORMATION

University Unit Academic Affairs ODL
Coyote ID 000002391 John Ruttner **Phone:** jruttner@csusb.edu

Student Organization Name**AMOUNT REQUESTED**

\$136,790.00

PROPOSAL INFORMATION**Project Title:** Center for Digital Literacy and Instruction**Project Abstract**

Establish a University for three separate but over-lapping areas: 1. Research and explore topics/trends/examples in emerging technologies and digital literacy and their impact on teaching and learning. 2. Identify specific topics of interest to CSUSB and develop test-bed sample/ implementation e.g. Analytics, cloud content, social media 3. Working with participating departments and instructors, develop online and hybrid versions of foundational (intro) General Education Courses with high enrollment. An initial 4 courses are planned for development. 4. Collaborate with other units/institutions to develop and share information and digital resources. e.g. TRC, other CSU institutions (Cal Poly, East Bay), govt. projects, community organizations

How many students will be impacted annually?

15,000

How will this improve Student success

Student satisfaction: new approaches and their use e.g. Learning Analytics, cloud content access will impact course design, assessment, and student participation. The use of templates, standardized navigation, self-assessment features and common foundational material across multiple sections will assure greater consistency which in turn means better student comprehension More online courses and programs with these features and design becoming available gives more options to students

How will success be measured

retention of students, student grades across multiple sections of classes; student survey results, graduation rates of online students, faculty feedback and survey results

PROJECT TIMELINE

Summer 2012, Fall 2013, Summer 2013

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)****COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM****Matching funds or resources allocated to project/program**

\$10,000 department match (in-kind personnel time in Summer 2012)

BUDGET DETAIL

Equipment: 2 laptop 1 desktop 2 tablet asst software ----- \$8750.00 Assistant 40 hrs/wk for 1 year = \$29,000 research/test-bed development designer 12hrs/wk for 1 year (50wks) = 600 hrs x \$35 = \$21,000 + \$8400 benefits = \$25,400 additional external content development: \$15,400 (equivalent of 2 course development) course development: faculty buy-out (4 courses): \$5500 course + \$2200 benefit @ = \$7700/course 4 courses = \$30,800 Instructional designer: 140hrs/course = 560 hrs at \$35hr = \$19,600 + 7840 benefit = \$27440

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS

will be maintained and updated through ODL infrastructure working in collaboration with other divisions and units like TRC

CONTACT INFORMATION**University Unit** CNS

Health Science and Human Ecology

Coyote ID 000047189

Marsha

Greer

Phone:

mgreer@csusb.edu

Student Organization Name**AMOUNT REQUESTED**

\$13,000.00

PROPOSAL INFORMATION**Project Title:** Adobe Design Software for Health Science Professional Development**Project Abstract**

This software will allow us to prepare students to utilize Adobe that is used in most professional settings. The ability to create graphics used in technical reports as well as create forms, and publications is a requirement for students in the health fields. We will be able to use these in our two teaching labs in PS 224 and 303. We will use 30 licenses for our PC lab and 22 licenses for our Mac lab. Each license is about \$260.00. HSCI 273 is required for health care management, public health education, and nutrition. The course is offered every quarter.

How many students will be impacted annually?

160

How will this improve Student success

Students will be prepared for their internships where they are expected to have the skills as well as for employment in industries that require the skills for employment.

How will success be measured

Students work in a project based environment and have grading rubrics for each application.

PROJECT TIMELINE

This would be used in summer if available or in fall quarter.

PROJECT COLLABORATION**Statements of support by organization(s) or department(s)**

This is critical for our student preparation.

COLLABORATIONS OR ENDORSEMENT ALLOCATED TO PROJECT/PROGRAM**Matching funds or resources allocated to project/program****BUDGET DETAIL**

30 PC at \$260 = \$7800 20 MAC at \$260 = \$5200 Total \$13,000

SUSTAINABILITY FOR ONGOING PROJECTS/PROGRAMS