

West Los Angeles College
Program Review Resource Requests: Computers/ Software/ Technology and Equipment/ Books
2014-2015

Resource Request Category

Academic Affairs Area

AH - Certified Nursing Assistant

1 **8 bed and supplies**
 for CNA and Home Health Aid program need minimum 8 bed to train 50- 60 students at each semester
 \$60,000, 1, 8 bed and supplies, Non-Salary, One-Time, Yes, students needs to be trained how to take care of patients in skills lab prior going and working with actual patients. skills lab should mimic patients room. this order include bedside table. suction set up. linen hamper, Isolation cart. bio- hazard hampers. sharp containers, and supplies

2 **Manniquins--13 and 1 AED**
 to train student to be prepared for medical emergency. training them on Basic Life Support and Advanced Cardiac Life Support.
 \$20,000, 1 Adult, 1 Infant and 1 Airway management for Advance Cardiac Life Support.
 4 basic Manniquin for Adult/ infant.\$2000
 AED for trainer& 1000
 Arrythmia stimulator- \$2000
 Adult advanced cardiac life support- 10,000
 infant adnvacd cardiac life support 2000
 supplies for BLS and ACLS training- 3000, 1, Manniquins--13 and 1 AED, Non-Salary, One-Time, Yes

AH - Dental Hygiene

3 **Obtain a 40 station Computer Lab**
 The allied health division requires computer labs for teaching purposes as well as testing needs. We struggle with scheduling a computer lab with Computer Science as they are impacted with lab classes. We would like the lab to double as a designated testing site for all Allied Health programs since they all require either state or national licensing or certification exams.
 \$35,000, \$5,000, 2, Carmen Dones, Consultation with Larry Rowell on cost of each station; Dell I5/I7 Processor approximately 875.00 per station. We will also require a facility to house the lab., Continuing, No, Non-Salary, Obtain a 40 station Computer Lab, One-Time, Program 100, State testing is required for licensing and/or certification for all Allied Health programs in the division., This request was submitted last year but not funded., Yes

4 **Purchase Digital Cameras (3)**
 Students no longer have cameras suitable for intra-oral photos. They are using cell phones to take pictures. It is a HIPPA violation to have patient information on cell phones. The department needs digital intral-oral cameras.
 \$1,600, Carmen, It is a HIPPA violation to store patient information on a cell phone; subject to thousands of dollars in fines., New, No, Non-Salary, One-Time, Program 100, Purchase Digital Cameras (3), The cameras cost anywhere from \$300-\$400 each. The department needs at minimum 3 cameras., We had cameras through the bond but when the movers moved us from A-9 to the new clinic 5 years ago, Yes, the cameras went missing. However, the boxes remained in the clinic. We have been asking for cameras since then.

5 **Purchase Model Trimmers (2)**

The students are required to take impressions and trim them accordingly. Some of the equipment we have in MSB 103 is very old; from A-9. We need two model trimmers to accommodate 30 students.

\$1,400, 1, According to the state regulations, Dental Hygiene Faculty, Carmen Dones, Program 100, Purchase Model Trimmers (2), The cost of each model trimmer is approximately \$650-700., Yes, we should have one model trimmer to 6 students., New, No, Non-Salary, One-Time

AH - EMT/ Paramedic

6 **Secure funding for state of the art equipment**

The EMT/Paramedic program needs to upgrade equipment so students graduate competent and ready for employment

\$152,0\$177,000, 00, \$25,000, 1, Enables students to deliver competent emergency medical care with confidence and without delay, New, No, Non-Salary, One-Time, Secure funding for state of the art equipment, VTEA/ Perkins, Written estimates from manufacturers of monitor defibrillators and catalog pricing (92,000), Yes, list price for training manikins (60,000), and list price for supplies.

AH -Medical Assisting

7 **2 Autoclave**

To train student how to sterilize surgical instruments

\$8, 1, 2 Autoclave, Combination, New, One-Time, Yes

8 **2 Holter Recorder**

To Train cardiac Technician in Clinical Cardiac skills

\$8,000, 1, 2 Holter Recorder, New, No, Non-Salary, One-Time, To monitor Cardiac activity in 24 hours, Yes

9 **3 12 leads EKG Machines**

(blank)

\$15, 1, 3 12 leads EKG Machines, Non-Salary, One-Time, Yes

10 **4 advanced venipuncture arms**

To train students in all types of injection

\$15, 1, 4 advanced venipuncture arms, New, Non-Salary, One-Time

11 **4 Phlebotomy Chairs**

To train students in the clinical skills of Blood Collection

\$3,500, 1, 4 Phlebotomy Chairs, Combination, New, One-Time, Yes

12 **4 Vital Sign Patient Monitor**

To train student to take vital signs

\$10,000, 1, 4 Vital Sign Patient Monitor, New, Non-Salary, One-Time, Yes

13 **Anatomy Physiology module**

To train student how to recognize anatomical parts

\$12, Anatomy Physiology module, New, Non-Salary, One-Time

14 **Surgical Instruments and Equipments**

To train students how to prepare patient for minor surgeries and recognize surgical instruments

\$4,000, 1, New, Non-Salary, One-Time, Surgical Instruments and Equipments, Yes

Behavioral & Social Sciences (GE)

15 **Purchase Commanding Heights Series**

(blank)

\$135, 6, Meric Keskinel, New, No, Non-Salary, One-Time, Other, Purchase Commanding Heights Series

16 **Purchase STATA 13**

Software that will be used for Economic Impact Project

\$1,1\$300, \$835, 35, Continuing, Meric Keskinel, No, Non-Salary, One-Time, Program 100, Purchase STATA 13

17 **Replace damaged and stolen specimens and update teaching collection.**

Replace the full articulated chimpanzee skeleton.

Replace the Australopithecus cranium

Add A. afarensis to collection (Lucy)

Add early Homo cranium

Add Neanderthal and modern human comparative set

\$6,000, 2, Bone Clones, No, Non-Salary, One-Time, Replace damaged and stolen specimens and update teaching collection.

Business (Other)

18 **Computer lab suitable for 60 students**

Facilities and technology (hardware and software) request to create a adequate classroom environment to teach new advances in buisness technology

\$2,000, \$20,0\$42,000, 00, \$64,000, 1, Both, Computer lab suitable for 60 students, Consultation with IT and faculty, staff, vendors, Gerald Ludwig, New, No, Non-Salary, Program 100, The Business division is in need of a large classroom with adequate new and emerging technologies to prepare students for the competitive workforce.

Computer Science

19 **Upgrade Computer Classrooms**

The division has identified critical areas requiring the following:

-upgrade 2-4 CS classrooms to equip with smart board that allow faculty to record the lecture and post it on-line.

-upgrade one classroom's workstations.

\$20,000, 1, Anna Chiang, New, No, Non-Salary, One-Time, Program 100, Upgrade Computer Classrooms

20 **Upgrade Network Security Program**

In support of this training program the following resources are being requested:

1) Air conditioning system for CE105B to support NetLAB. NetLAB is the curriculum delivery platform for the Cloud & Virtualization training program.

2) Cisco routers, ASA Firewall, Server Memory

3) NetLAB Maintenance License (Annual \$3,000 Fee)

\$24,000, 1, Associate Professor Marcus E. Butler, Grants, N/A, New, Non-Salary, One-Time, Plant Facility has provided an estimate for the A/C system in CE105B

The CSIT primary vendor has provided estimates for:

1) Cisco routers, ASA Firewall and server memory

2) NetLAB Maintenance License, The A/C system will be installed in compliance with all health and safety regulations., The A/C system will be installed in compliance with all local, Upgrade Network Security Program, Yes, state, or federal regulations.

Dance, Health & Physical Education

21 **Purchase Lighting Equipment**

Lighting available in FA Theatre is inadequate for the facility. Many parts of the stage remain too dark to clearly see the dance performance.

	\$6,000, 4, Continuing, FA Theater stage needs adequate lighting for student safety and for SLO assessments., No, Non-Salary, One-Time, Purchase Lighting Equipment, Yes
22	<u>Purchase non slip flooring for PEC N & S</u>
	Purchase non slip flooring for PEC N & S
	\$4,000, 3, Continuing, No, Non slip flooring for student safety, Non-Salary, One-Time, Purchase non slip flooring for PEC N & S, Yes
	<i>Humanities & Fine Arts (GE)</i>
23	<u>Buy and replace equipment</u>
	get easels, tables and repair replace classroom furniture.
	\$16,000, 2, Buy and replace equipment, Continuing, IT PROVIDES THE REPLACEMENT AND REPAIR OF FURNITURE DANGEROUS TO STUDENTS., Michael Arata, No, Non-Salary, Ongoing, VTEA/ Perkins, Yes
	<i>Language Arts</i>
24	<u>10 chairs and 2 tables for division spaces</u>
	Additional 5 chairs for the division conference room, GC 210K, 5 chairs and 2 small tables for the lobby areas.
	\$1,850, 10 chairs and 2 tables for division spaces, 5, Bond, EMP 2.4 Enhance and maintain facilities...to promote effective teaching and learning. Chairs have disappeared!, Fran Leonard, Chair, No, Non-Salary, One-Time
25	<u>2 laptops, Mac display adapter, & doc camera for Lang Arts' use</u>
	1 Dell laptop and 1 MacBook Pro laptop, Mac display adapter & doc camera fis needed for division presentations, division meetings and for cross-discipline work. Meets requirements of EMP 2.4 Enhance and maintain facilities and technology to promote effective teaching and learning.
	\$2,500, 2 laptops, EMP 2.4 Enhance...technology to promote effective teaching/learning.
	, Mac display adapter, & doc camera for Lang Arts' use, Consulted with IT dept. on these cost estimates., Fran Leonard, Chair, New, No, Non-Salary, One-Time, Other, With increasing demands at meetings to project information to share, the division benefits from division-dedicated equipment/technology.
26	<u>Phones and computers in 2 empty GC offices</u>
	This enables the Lang Arts student workers to work without disturbing adjunct faculty in the office designated for them.
	\$1,960, 6, Consulted with IT for costs of this request., Fran Leonard, Non-Salary, One-Time, Phones and computers in 2 empty GC offices, Provides adjunct faculty the privacy necessary for student conferences in the adjunct office., Yes
27	<u>Super Smart Classroom with full technology for documenting pedagogy - EMP 2.4., 2.4.1, 2.4.3</u>
	A super smart classroom enables capturing and disseminating pedagogical initiatives such as: Reading Apprenticeship, Accelerated Learning, Paired Courses, Habits of Mind, Collaborative Learning Communities, BYOD-Bring your own device, integrating technology into the classroom and online and flexible classroom design.

\$8,0\$8,0\$80,000, 00, \$96,000, 00, 4, Capturing and sharing the many teaching/learning initiatives at West is a must. Not possible without such a "super" smart classroom, Fran Leonard, Chair, Need to capture and share effective teaching/learning., No, Non-Salary, One-Time, Super Smart Classroom with full technology for documenting pedagogy - EMP 2.4., 2.4.1, 2.4.3, Yes, and this will be utilized by all divisions., Check with IT and with Plant Facilities to confirm estimates., Other

Library

28 **A/V Update Campus Wide 2014-2015**

FA 100 upgrade includes:

- New projector with ultra-long theater lens
- Instructor's podium that houses doc cam, DVD/VCR, PC, laptop inputs and microphones
- Wall mounted touch panel that operates all on/off functions as well as source selection
- Cables, programming and installation
- Maintenance agreement

\$45,000

Winlock Lounge upgrade includes:

- New projector mounted from ceiling
- Screen
- Instructor's podium that hoses doc cam, DVD/VCR, PC, laptop inputs and microphone (lavaliere for presentations)
- Wall mounted touch panel that operates all on/off functions as well as source selection
- Cables, programming and installation
- Maintenance agreement

\$15,000

Campus wide classrooms A/V update:

- PECN-11
- CE 104
- CE 105A
- CE 106A
- CE 103
- CE 225/ 227
- CE 226/228

7 rooms x \$14,000 = \$98,000

\$158,000, 1, A/V Update Campus Wide 2014-2015, GST

FA 100 upgrade includes:

- New projector with ultra-long theater lens
- Instructor's podium that houses doc cam, DVD/VCR, New, No, Non-Salary, One-Time, PC, laptop inputs and microphones
- Wall mounted touch panel that operates all on/off functions as well as source selection
- Cables, programming and installation
- Maintenance agreement

\$45,000

Winlock Lounge upgrade includes:

- New projector mounted from ceiling
- Screen
- Instructor's podium that hoses doc cam, DVD/VCR, PC, laptop inputs and microphone (lavaliere for presentations)
- Wall mounted touch panel that operates all on/off functions as well as source selection
- Cables, programming and installation
- Maintenance agreement

\$15,000

Campus wide classrooms A/V update:

- PECN-11
- CE 104
- CE 105A
- CE 106A
- CE 103
- CE 225/ 227
- CE 226/228

29 **A/V Update Campus Wide 2015-2016**

Campus wide classroom A/V update:

- CE 204
 - CE 203
 - CE 202
 - CE 201
 - CE 222
 - CE 206/208
 - CE 219
 - CE 220
 - CE 221
 - PEC 113
 - SC 101
 - SC 105
 - SC 106
 - SC 102
- 14 rooms x \$14,000 = \$196,000

President's Conference Room A/V update:

- New 80" LED LCD Monitor
 - Touch panel to control on/off functions and source selection
 - Universal podium to house equipment
 - Speakers
 - Miscellaneous cables
 - Installation and programming
 - Maintenance agreement
- \$15,000

\$211,000, 2, A/V Update Campus Wide 2015-2016, GST quote

Campus wide classroom A/V update:

- CE 204
- CE 203
- CE 202
- CE 201
- CE 222
- CE 206/208
- CE 219
- CE 220
- CE 221
- PEC 113
- SC 101
- SC 105
- SC 106
- SC 102

14 rooms x \$14,000 = \$196,000

President's Conference Room A/V update:

- New 80" LED LCD Monitor
- Touch panel to control on/off functions and source selection
- Universal podium to house equipment
- Speakers
- Miscellaneous cables
- Installation and programming
- Maintenance agreement

\$15,000, Grants, Leo Calderon

Ken Lin, New, No, Non-Salary, One-Time

30 **A/V Update Campus Wide 2016-2017**

New classroom A/V installation for new buildings:

- 24 new Smart classrooms

24 new rooms x \$14,000 = \$336,000 + 5% increase (fluctuation) = \$352,800

New Sound System for campus wide events (Graduation, large special events, etc.)

- Complete sound system with speakers, microphones, amplification, cables, etc.

Estimated cost = \$60,000

\$412,800, 3, A/V Update Campus Wide 2016-2017, Changed, GST quotes and estimates

New classroom A/V installation for new buildings:

- 24 new Smart classrooms

24 new rooms x \$14,000 = \$336,000 + 5% increase (fluctuation) = \$352,800

New Sound System for campus wide events (Graduation, Grants, No, Non-Salary, One-Time, large special events, etc.)

- Complete sound system with speakers, microphones, amplification, cables, etc.

Estimated cost = \$60,000, Leo Calderon

Ken Lin, Sound System (\$60,000) was previously proposed for large events such as Graduation to save on hiring of outside contractors, over time it will pay for most of itself back

31 **computers and printers for student computer labs in Library**

LIRL: 118 student stations
LIRC 21 student station, 1 instructor station
1st Floor: 85 student stations
3 printer servers
3 help desk stations
total 231 computer stations

computers in Library student computers labs are over 7 years old and struggling to keep up with current software requirements of the curriculum and industry standards

\$115,000 / year based on 3 year replacement cycle \$345,000 total
average price of computer stations, monitors, printers, vending stations, \$115,000, 3, Categorical, Continuing, Ken Lin
Francisco Monzon
Diane Matsuno
Ted Pointer, No, Non-Salary, Ongoing, able to use \$48,000 of Program 100 fund last year, because collection development needs were met by Lottery Prop 20 funds

This year ordered \$48,000 in computers from Title V funds, computers and printers for student computer labs in Library

32 **computers for library staff and faculty**

14 computers for library staff and faculty (\$5,000/ year based 5 year replacement cycle \$25,000) including the Circulation, Reference, and Instructional Media desks

4 Computers are used for direct public service to students and staff

\$5,000, 7, Continuing, Grants, Ken Lin
Francisco Monzon, No, Non-Salary, Ongoing, computers for library staff and faculty, computers for library staff and faculty (\$5,000/ year based 5 year replacement cycle \$25,000)

33 **Instructional Media Center budget for annual expenditures**

Replacement lamps for existing projectors, touch panel replacement fro MSA (average 2 per year), equipment supplies, cables, media materials (blank DVDs, digital tape) safety tape, microphones

\$32,0\$40,000, 00, \$8,000, 2, 5% increase in cost per year
\$ 18,000.00 Projector lamp replacement (90 projectors on campus), average \$400 a lamp, 2 year lamp life
\$ 5,000.00 5% projector failure replacement per year
\$ 7,000.00 equipment supplies, cables, media materials (blank DVDs, digital tape), safety tape, microphones
\$ 1,000.00 video camera failure replacement/ maintenance
\$ 10,000.00 24 wall touch panels on campus, average 7 equipment failures a year, installation fee, due to heavy usage, wear and tear
\$ 2,100.00 3 laptop replacement for projection, \$700/each (6 total , replace every 2 years, heavy usage, movement), Continuing, Instructional Media Center budget for annual expenditures, Leo Calderon
Ken Lin, No, Non-Salary, Ongoing, Program 100

34 **Library collection development fund**

Library collections consist of books, periodicals, online databases, and audio visual materials

\$367,000, 1, Categorical, Continuing, Ken Lin
Susan Trujillo
Ken Lee
Meghan Potter, Library Instructional Resource Prioritization
Library Collection Development Policy
WASC recommendation
Tilte V sec 58724, Library collection development fund, No, Non-Salary, Ongoing, Title V sec 58724
minimum standards for community college libraries
2006 and 2012 WASC recommendation, Yes, currently
\$50,000 in Program 100
Categorical Funds : Lottery Prop 20 \$243,000
\$293,000 of this request has already been funded this year 2014-2015

additional funding sources include
Grants
VTEA/Perkins
Friends of the Library - WLAC Foundation

35 **Math Lab - provide tutoring/teaching technology resources**

Historically, Math tutoring is the subject most in demand. Recent statistics show that demand is increasing. Math tutors need tools to efficiently provide math resources. Technologies such as laptops and smart whiteboards that record voice and notes provide easy distribution of math support as well as provide student tools to develop a library of math tutorials. For example, purchase of Mathematica software with lottery funding can be implemented at the tutoring level. Software on use of calculators is also a proposed use of supportive technology. Mathematics student success is imperative to insure student equity to reach academic and personal goals.

\$10,0\$15,000, \$2,500, 00, \$27,5(2) Smartboard, 1, Both, Continuing, Grants can start the Math Lab
Eventually need some type of continued funding through Categorical or Program 100, Grants,
Interactive Whiteboard
(10) laptops
Mathematics software and manipulatives

Additional space needed for Math Lab
coordinate with Math Division, 00, Ken Lin
Kathy Walton
Diane Matsuno
Ted Pointer
Kevin Coffee, Math Lab - provide tutoring/teaching technology resources, No, Non-Salary

36 **Motorized utility golf cart for delivery of A/V equipment**

Utility cart is need for delivery of the heavy A/V equipment required for delivery of heavy equipment and supplies on a daily basis by the Instructional Media Technician

\$8,000, 1, Ken Lin
Leo Calderon, Motorized utility golf cart for delivery of A/V equipment, New, No, Non-Salary, One-Time, This may not be required by regulations, but it is a health and safety issue for the staff to not have regular access to a motorized utility cart for delivery of heavy A/V equipment, price of utility cart

Mathematics

37 **Acquire Mathematical software**

Acquire Mathematics Software, such as Maple or MiniTab.
Minitab is a statistical software package we could load on each work-station in a Computer Statistics Lab.

Need cost of site-license for Minitab.

\$3,000, 8, Acquire Mathematical software, Further investigation required for actual site license cost of Minitab., Grants, Matt Robertson, Chair, Math, New, No, Non-Salary, Ongoing

38 **Alternative Math textbooks**

Locate and purchase suitable hard-copy Braille texts for key mathematics courses (Algebra, Statistics) or have existing texts brailled.

Purchase of foreign-language math texts for key courses and languages to assist ESLs.

\$1,000, 12, Alternative Math textbooks, Grants, Matt Robertson, Chair, Math
Bonnie Blustein
, New, No, Non-Salary, One-Time

39 **Classroom and office supplies (2013)**

Classroom and office supplies, including, but not limited to, classroom COMPUTERS (replacements), dry board markers, printer cartidges, paper, etc.

\$1,000, \$4,000, \$5,000, 00, \$11,000, 7, Classroom and office supplies (2013), Continuing, Matt
Robertson
Bonnie Blustein, No, Non-Salary, Ongoing, Program 100

40 **Graphing Calculators**

Many of the math courses (such as Math 227 STATISTICS and Math 241 TRIG) require a graphing calculator. The Math department would like to be able to loan (free of charge) a calculator to any student that has difficulty purchasing one. These calculators are available for about \$100 (TI-83) to \$150 (TI-84). A supply of at least 40 would be a good start.

\$6,000, 5, Continuing, Each TI-84 is approx. \$100, Grants, Prof Matthew G Robertson, Math Dept Chair
Dr. Bonnie Blustein, Professor of Mathematics, times 2 classes, times 30 students per class = \$6000,
Graphing Calculators, No, Non-Salary, One-Time

41 **Tutorial Math Lab**

Create a tutorial Math Lab either in MSA or elsewhere on campus, separate from the HLRC.

2, Bond, Matt Robertson, Chair, Math, New, No, Non-Salary, Tutorial Math Lab

Office of Teaching & Learning

42 **Super Smart Classroom for all disciplines**

There are several exciting pedagogical initiatives happening on campus at West. Please consider this request for a new type of learning environment that would serve all disciplines. This request must consider the need for enhanced wireless capabilities on campus. Currently, it is very difficult for a room of 40 students to get online simultaneously through our wireless services. This type of collaborative learning is now becoming more and more critical to digital literacy development for our students and faculty. We need more effective wireless service for students and staff to fully access the internet for classroom and pedagogical collaboration in classrooms and in meeting rooms. Super Smart Classroom for all disciplines.

I. Build Super Smart Classroom with full technology for documenting pedagogy.

A. For capturing and disseminating pedagogical initiatives such as:

1. Reading Apprenticeship
2. Accelerated Learning
3. Paired courses
4. Habits of Mind
5. Collaborative Learning Communities
6. BYOD-Bring your own device
7. Integrating technology into the classroom and online
8. Flexible classroom design

II. Many initiatives exist at West which integrate collaborative learning. How do we capture and share what we do and what students do in a classroom and online?

A. Super smart classroom is for all disciplines

B. Cart of Chrome books would support digital literacy at campus

C. BYOD and cart of Chrome books allow for collaborative learning with flexible technology. (not fixed computer stations)

D. Disseminate pedagogy at West, statewide and nationally. E. SS classroom becomes lab where initiatives can

\$8,000, \$90,000, 3, Cost estimate:

Audio Visual presentation equipment and installation \$13,000

Furniture \$ 8,000

Video equipment for documentation and storage \$20,000

Audio equipment \$ 7,000

Internet upgrades (if necessary)\$ 5, 000

Lighting \$ 8,000

Mobile Computer Cart with Chromebooks \$35,000

Server \$ 2,000

This is a rough estimate., Furniture, M Apigo, Dean of Teaching & Learning

N Sander, New, No, Non-Salary, One-Time, RA Coordinator

S Kecken, DDS Coordinator, Super Smart Classroom for all disciplines

Science - Biological Sciences

43 ***Creation of a Science Learning Resource Center***

This resource request outlines the creation of a Science Learning Resource Center (LRC) to be made available to all science division and allied health students outside of class hours. Each student supported by this Science LRC would have access to this facility throughout the day and for limited hours in the evenings and weekends. In addition, this LRC would also be able to support students from the Allied Health Division. This Request describes the purchase of models to support our Anatomy class, microscopes and slides to support Microbiology, Anatomy and Biology 3B, 6 and 7, virtual experiments to support Biology 6 and Microbiology, in addition to numerous Earth Science, Chemistry and Physics courses.

\$10,0\$21,000, \$45,000, 00, \$5,000, \$9,000, 3, 40, A, Anatomy models (\$5,000) purchased from Ward's Scientific

Microscopes and histology slide sets (\$5,000) purchased from Ward's Scientific

Desktop computers (\$2,000) obtained through West's IT division - from approved vendor

Software (\$2,000) from appropriate educational vendors - e.g. Pearson, B (evening), Benjamin Cummings

Books (\$1,000) from appropriate educational vendors, Classified, Creation of a Science Learning Resource Center, LRC Staff, New, No, One-Time, Patricia Zuk, Permanent, PhD

Abraha Bahta, PhD, Program 100, This resource request is a new request in the amount of \$45,000.

This request will allow the Science Division to purchase a variety of instructional material that the students of the Science and Allied Health Divisions may use outside of class to improve their success within our courses. The initial site of the LRC could be within the HLRC but our ultimate goal is to place this LRC within the MSA building so that it is close to the faculty. The LRC could be staffed by a part-time 0.5 FTE classified technician with supplementation by faculty if needed.

44 **Improvement and expansion of Anatomy 1 Curriculum**

This resource request outlines the purchase of a human cadaver so as to enhance and improve our anatomy curriculum. The current curriculum for Anatomy 001 involves the use of models and the dissection of cats as an alternative to cadavers. Purchase and preparation of a cadaver that our students would be able to use during regular anatomy lab time (in addition to regular anatomy materials) would expand our anatomy program and improve its outcomes. This cadaver would also benefit the Dental Hygiene program as their students would also be able to use this cadaver for their courses, such as Biology 106, Head & Neck Anatomy.

\$12,500, \$3,000, 00, 00, \$3,500, 00, Classified, Grants, Improvement and expansion of Anatomy 1 Curriculum, New, No, One-Time, Patricia Zuk, PhD

Elizabeth Hennessey, PhD

Abraha Bahta, PhD, This Resource Request is for \$12,500. The cost break-down is as follows:

a. Purchase of cadaver from UCSD Willd Body Program = \$3,000

b. Transport of cadaver from UCSD to WLAC. Transport of human remains is a federally-regulated process and requires approved transport services. Total cost = \$500

c. Preparation of cadaver by faculty for use by Anatomy students. Preparation of the cadaver will necessitate the purchase of specialized equipment (e.g. bone saws and blades, bone dust collector, macro knives, miscellaneous dissection tools). Total cost = \$5,000

d. Storage of the cadaver within the Anatomy Prep room. Storage of the cadaver will require the purchase of a cadaver dip tank table. A used tank will be adequate for our purposes. This tank can be kept within the existing Anatomy Prep cold room. Thus no other infrastructure will be required to store the cadaver. However, long-term storage and maintenance of the cadaver will require specialized preservative materials. Total cost = \$3,000

e. Disposal of cadaver. While this cadaver, once prepared, will be used by our Anatomy program for many years, eventual disposal may be required. Total cost = \$500

f. Miscellaneous printing and instruction media costs. Printing costs for handouts, purchase of dissection atlases as reference material. Total cost = \$500

Science - Earth Sciences

45 **SETTING-UP A SEISMOLOGICAL STATION**

West Los Angeles College is located less than a mile to the west of the Newport-Inglewood Fault. Except for seismographs managed by Caltech in Pasadena, we are not aware of any seismological stations close to the fault.

The approximate cost given below includes digital recorder, sensor, computer & software, Vault interface, enclosure, seismic switch, and code compliance.

\$25,000, \$500, 00, 2, Abraha Bahta, New, No, Non-Salary, One-Time, Ph.D.

Beraki Woldehaimanot, Ph.D., Program 100, SETTING-UP A SEISMOLOGICAL STATION, The instrumentation we are looking for to purchase is computerized digital seismic station, available from Nanometrics Seismological Instruments Inc. in Ontario, Canada, or from Kinometrics, CA (USA).

The total cost shown above estimates the following major and auxiliary parts: Digital recorder, sensor, computer & software, vault interface, enclosure, seismic switch, and code compliance.

Science - Physical Sciences

46 **Procurement of Chemistry Laboratory equipment**

This resource request outlines the purchase of additional equipment for the chemistry in anticipation of a biochemist hire by the college, so as to enhance and improve our chemistry curriculum. We anticipate to start offering Chemistry 211, a biochemistry course, thus introducing our students to hands-on training in many areas of the Biotechnology field, allowing them to apply for jobs in the community as lab technicians in research laboratories and medical labs or to continue on in higher education. Some of the new equipment we need to equip our labs with are given below:

1. Flame photometer w/filters (Buck Scientific ~\$4029.00)
2. laboratory Homogenizer, model 1000 (Fisher Scientific, \$1,268.00)
3. Ten Meters w/electrodes, pH/mV/temp modes at \$576.00 each (Fisher Scientific)
4. Four cases of Wheaton TLC developing Chambers, Case of 3 for \$278.00 (Fisher)
5. Ten Mini Vortex mixers at \$176.00 each
6. Two Electrophoresis Package units at \$1,200.00 each (
7. Flake Ice Machine, EF-250A32S D06V UNNDRCTR \$4113.28 (Johnstone Supply)

\$1,2\$1,500, \$20,442, \$23,142, 00, 3, All sources have been cited, Grants, New, No, Non-Salary, One-Time, Procurement of Chemistry Laboratory equipment

47 **Setting-up Astronomy Laboratory Station**

To establish a modern astronomy laboratory which would be capable of delivering instructions through a variety of ways: in-class worksheets, in-class planetary computer software, and outdoor observing (most preferred)

In order to best serve the astronomy class (demonstrations outdoors), the astronomy lab, the star parties (for WLAC students and support local community outreach), hands-on astronomical research and data collection, and the physics/astronomy program as a whole, I am requesting \$13235.05 in order to support the growth and strength of the West science program by providing another component to providing a high quality, comprehensive science program which serves West students and the West community.

Line-item prices with quotes can be prepared to facilitate this request.

\$1,0\$1,500, \$10,2\$500, 35, \$13,235, 00, 4, Abraha Bahta, Continuing, Limited, No, Non-Salary, One-Time, Ph.D.

Elizabeth Bell, Astronomy/Physics Instructor, Grants, Setting-up Astronomy Laboratory Station, The

Student Services Area

Admissions and Records

48 **Records security**

Labor and equipment needed to move records from degrading paper boxes to secure metal boxes, making records retrievable.

1, A bid from plant facilities will be prepared in the fall of 2014., I will not have exact cost until early November 2014. I do not know whether bond money can or should be used to cover the expense., Michael Goltermann, Allen Hanson, Phyllis Braxton, New, Non-Salary, One-Time, Program 100, Records security, We must comply with accreditation standard II.c.a., Yes

49 **Rehab Freudian Sip with Telephone Support**

A rehab of Freudian Sip to include computers, info desk, phones, standing tables. Four CGCA workers to answer phones and do other outreach work.

\$15, 2, 200, Both, CGCA, Combination, I will receive a bid for the rehab work in fall 2014; four CGCAs working 25 hours per week each will total about \$6,000 per month. This would permit two CGCAs to work phones, providing the equivalent of full-time coverage; the other two workers could rotate in from the field (outreach)., New, No, Program 100, Rehab Freudian Sip with Telephone Support

ASO

50 **Buy new computers.**

Buy new computers for the ASO officers, senators, and front desk.

\$5,000, 1, Buy new computers., New, No, Non-Salary, One-Time

51 **Buy new furniture, TV, and microwave for the Student Lounge.**

Update the Student Lounge so that more students remain on campus.

\$10,000, 2, Buy new furniture, New, TV, and microwave for the Student Lounge., No, Non-Salary, One-Time

Child Development Center

52 **Enhance program quality by having outdoor sand boxes that are consistently clean.**

The CDC sand area needs to be replaced with a pour in place surface, and then purchase smaller sand boxes with covers. It is required by Community Care Licensing (Title 22) to meet health requirements.

\$5,000, 3, Community Care Licensing (Title 22), Continuing, Enhance program quality by having outdoor sand boxes that are consistently clean., Katy Kelley, Non-Salary, One-Time, Program 100, Required by Community Care Licensing (Title 22) to meet health and safety requirements., Yes

53 **Purchase a new Cannon Copier along with an extended services plan.**

In order to ensure program quality, the program needs a new copy machine that also has a scanning feature. Currently, the program has a very old copy machine that breaks down frequently. The program has been informed by Cannon and by our IT Department that once any major parts needs to be replaced (which could at any time), that Cannon will not be able to replace any parts due to the age of the machine. As a result, the program needs to have the resources to obtain a new Cannon copier.

\$950, 4, Katy Kelley, New, Non-Salary, One-Time, Program 100, Purchase a new Cannon Copier along with an extended services plan., To complete required documents and reporting by the Department of Education., To complete required documents and reporting required by the Department of Education., Yes

54 **Purchase additional indoor and outdoor education equipment/materials**

Purchase additional indoor and outdoor education equipment/materials (each classroom \$ 5,000 X 3 = 15,000) based on the Thelma Harms Rating scale, which will include having both indoor & outdoor learning centers (math, science, art, language, dramatic play, etc.) and having additional gross motor materials, helmets, bikes, etc.).

\$15,000, 6, CDE, Katy Kelley, Non-Salary, One-Time, Program 100, Purchase additional indoor and outdoor education equipment/materials, To meet program guidelines based on the California Department of Education Desired Results system, Yes

Learning Skills

55 **Annual renewal of PLATO subscription**

PLATO is a web based academic support software that provides students with tutorials, drills and tests to increase their foundational skills base.

\$30,000, 3, Annual renewal of PLATO subscription, Categorical, It is an essential resources to provide students with academic support both on campus & off campus., It provides students with the necessary tools to increase their foundational understanding of math, English and reading skills., Non-Salary, Ongoing, T. Russell, Yes

56 **Dedicated Learning Skills computer lab with 35 computer stations**

LSK faculty need a dedicated computer lab with 35 computers

\$120,000, \$45,000, \$75,000, 2, Bond, Dedicated Learning Skills computer lab with 35 computer stations, LSK courses are web based & students need to have the ability to work on content on campus., New, Non-Salary, Ongoing, T. Russell

C. Alcala

P. Braxton, The LSK curriculum provides foundational support to all students in need of academic support., With the realignment of LSK, Yes, faculty need to have a dedicated space to provide academic advisement to students as well have a physical space to assist students.