

CUNY 2019-2020 Student Technology Fee Plan LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: University Wide Initiative Set-Aside

Person Responsible for Project: Ronald Bergmann

Telephone number: 718-960-8421

Description of Project

Department All Departments

Description:

This request is to set aside funds to partially offset CUNY's University Wide and Strategic Initiatives. These initiatives are developed as CUNY-wide projects and initiatives in which Lehman College participates and covers its share of the cost.

Project cost: \$759,966.

CUNY 2019-2020 Student Technology Fee Plan

LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Staffing

Person Responsible for Project: Ronald Bergmann

Telephone number: 718-960-8421

Description of Project

Department

All Academic Departments

Description:

This request is for continued funding for full time positions to support students, faculty and staff: Service Desk Supervisor (IT Assistant), 2nd Shift (IT Assistant), Campus User Support Assistant (IT Assistant), MTS Assistant (IT Assistant).

Continue half-funding for Technical Support Staff for Student Affairs (Asst. to HEO P/T).

Continue funding for part time-staff (College Assistants and Student Aides) at the Academic IT Center, in order to maintain the level of services and the schedule of availability for students and faculty.

Continue funding for the Tech Team, a group of students that provide technical support to schools/divisions on the campus.

Continue funding for ITR Training / Support, a number of part time staff members who provide training and support for students/faculty/staff across campus.

Provide funding for a College Assistant to support the Badging Project, as well as a part time IT Developer to assist IT with automation projects. This year also includes funding for an additional Technical Support Assistant in the Library Help Desk (page 33) and a request for a College Assistant to support the Lehman Stories project. (page 56)

The above staff positions provide support for student technology across the campus, workshops in use of technology for students and faculty, and student part time positions for campus-wide technical support. The budget includes fringe benefits and contractual increases.

Full-time salaries - \$257,288.

Full-time Fringe - \$131,217.

Full Time Contract Retro - \$21,969

Part-time costs - \$859,092.

Part-time Fringe - \$111,682.

Part-time Contract Retro - \$51,101

CUNY 2019-2020 Student Technology Fee Plan LEHMAN COLLEGE

Date Submitted April 2019 Academic Year: 2019-20

PROJECT: Student Printing Services

Person Responsible for Project: Vincent Sandella

Telephone number: 718-960-6718

Description of Project

Department All Academic Departments

Description:

This request is for Student Printing Services in the Academic IT Center, the Library, and student labs, including paper, consumables, and device maintenance. This request also provides funding for printing in student facilities not covered by the Lehman Print System and for specialized printing needs (e.g. graphics labs).

Project cost: \$80,000.

CUNY 2019-2020 Student Technology Fee Plan LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Print Management System

Person Responsible for Project: Venu Gopal

Telephone number: 718-960-8421

Description of Project

Department

Information Technology/Library

Description:

This request is to maintain a print management system (Blackboard Transaction System, with Pharos Uniprint and Off-the-Glass software). This includes a remote/mobile print capability for students. Spaces include the Library and the Academic IT Center as well as other student labs on the campus.

Project cost: \$53,000.

CUNY 2019-2020 Student Technology Fee Plan LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Email Server

Person Responsible for Project: Venu Gopal

Telephone number: 718-960-8421

Description of Project

Department All Students

Description:

This request is to fund ongoing annual costs associated with providing email services for students for local server and software maintenance for the systems at the campus that support connectivity to the student email environment.

Project cost: \$1,500.

CUNY 2019-2020 Student Technology Fee Plan LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Contingency Fund/Time and Materials Maintenance

Person Responsible for Project: Ronald Bergmann

Telephone number: 718-960-8421

Description of Project

Department

All Academic Departments

Description:

This request is for time and materials maintenance for systems in classrooms and labs on campus and contingency fund.

This proposal funds the maintenance of technologies to keep classrooms and instructional labs functioning. This includes the replacement of projectors, bulbs, screens, computers, and similar classroom technology equipment and maintenance. It establishes a contingency fund for unexpected, but necessary, expenditures (e.g. replace failed servers and mandatory upgrade of software because old software will no longer function). Networked printers used in student-related facilities not covered in the above proposals are covered here to keep them operational.

Project cost: \$70,000

CUNY 2019-2020 Student Technology Fee Plan

LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Web Server Maintenance

Person Responsible for Project: Venu Gopal

Telephone number: 718-960-8421

Description of Project

Department

Information Technology

Description:

This request is to fund a web server for the college to fund a portion of ongoing hardware and software maintenance for the server, which is used to provide new and enhanced web services for students and faculty.

Project cost: \$3,200.

**CUNY 2019-2020 Student Technology Fee Plan
LEHMAN COLLEGE**

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Yuja

Person Responsible for Project: Brendan McGibney

Telephone number: 718-960-1964

Description of Project

Department All Departments

Description:

This request funds and annual subscription for the video platform that allows the College to manage, publish and syndicate video content within the college and on Blackboard.

Project cost: \$10,000

CUNY 2019-2020 Student Technology Fee Plan LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Ellucian – Degree Works

Person Responsible for Project: Ediltrudys Ruiz

Telephone number: 718-960-8421

Description of Project

Department

All Academic Departments

Description:

This request is to fund Degree Works, which is a comprehensive academic advising, transfer articulation, and degree audit solution that provides students and advisors with the information needed to ensure progression to achieve general education and major/minor requirements. This will contribute the maintenance that the College pays for annual updates and maintenance of the system.

Project cost: \$13,530

CUNY 2019-2020 Student Technology Fee Plan LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Smart Catalog

Person Responsible for Project: Ediltrudys Ruiz

Telephone number: 718-960-8421

Description of Project

Department All students

Description:

This request is for the Lehman ADA-compliant course catalog that is available on the Lehman website that is also mobile-enabled. It allows students and others to review course descriptions as a means to prepare for the course registration process. This request assists with annual updates and maintenance of the system.

Project cost: \$9,000

**CUNY 2019-2020 Student Technology Fee Plan
LEHMAN COLLEGE**

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: VDI Maintenance and Support

Person Responsible for Project: Venu Gopal

Telephone number: 718-960-8480

Description of Project

Department

All students

Description:

This request is for annual maintenance costs for virtual desktop infrastructure used in computer labs and classrooms. Virtual desktops enable easier management of updates and changes needed for classroom environments.

Project cost: \$36,000

CUNY 2019-2020 Student Technology Fee Plan

LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Cinema 4D Software Licenses

Person Responsible for Project: Sonia Rai

Telephone number: 718-960-6796

Description of Project

Department Information Technology Center/Art Department

Description:

This request is for Cinema 4D (3D graphics) software for use in the Art Department labs and at the Academic IT Center.

Project cost: \$4,000.

CUNY 2019-2020 Student Technology Fee Plan

LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Mobile App for Students

Person Responsible for Project: Ron Bergmann / Jose Magdaleno

Telephone number: 718-960-8421

Description of Project

Department

All students and campus community

Description:

The Lehman mobile app has assisted Lehman's transformation into a more mobile campus. The app can be downloaded on the App Store or on Google Play. Benefits include:

- Integration to display course schedules, grades, etc., via Lehman 360.
- Display campus events, calendar, news, sports, maps, notifications, and directory and more.
- View videos from recent events, speakers and campus information.

This mobile application brings Lehman to students via a user-friendly app that students can be download on any device. The app facilitates a one-stop mobile app for all things Lehman.

Project cost: \$10,000.

CUNY 2019-2020 Student Technology Fee Plan

LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: EdReady

Person Responsible for Project: Ron Bergmann / Gaovin Qian

Telephone number: 718-960-8421

Description of Project

Department

School of Education

Description:

This request, from the IT Division and School of Education, is to fund EdReady. EdReady is a part of the NROC Project, a non-profit funded by the Gates Foundation that provides a research-based approach to enhancing student success through online prep courses in Math, English and more. The EdReady tool uses a personalized learning approach to accelerate skills and can be customized for a variety of needs within the college. It can be used to assist students in math and science gateway courses and can be customized for accreditation exams. EdReady can be a resource that improve readiness, retention and college completion.

This license is for all Education students and can be used as part of a course or for self-study, on or off campus. EdReady tailors learning to the specific needs of the individual, in combination with the requirements of the department. The tool also provides feedback to students about their progress towards a goal and also provides reporting capabilities for instructors.

Project cost: \$3,000.

CUNY 2019-2020 Student Technology Fee Plan

LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Digital Badging System

Person Responsible for Project: Ron Bergmann/Jose Magdaleno/Reine Sarmiento

Telephone number: 718-960-8421

Description of Project

Department IT, Student Affairs, and Enrollment Management

Description:

This request is to continue the Lehman digital micro-credentials/badge platform. As a credit issuer, Lehman departments can distribute official digital credentials to verify skills, competencies, experiential learning, professional certifications, involvement in clubs, events, programs and activities, and more. Students can manage share achievements on LinkedIn, Facebook, Twitter or websites. Badges have been issued to more than 5,000 students thus far and platform is expected to expand over the next academic year

Project cost: \$4,950.

CUNY 2019-2020 Student Technology Fee Plan

LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Conversational Chatbot for Lehman College

Person Responsible for Project: Ron Bergmann

Telephone number: 718-960- 8421

Description of Project

Department

Student Affairs, Enrollment Management, and IT

Description:

This request is for Lehman College to implement the use of conversational Chatbots for students and the request is for partial funding. As a result of advances in natural language processing, machine learning and improved data management, conversational chatbots have evolved from the “FAQ” platforms of the past. This technology can improve the student experience and increase organizational effectiveness by providing focused 24/7 information in response to student needs.

A growing number of students prefer text to obtain a fast response compared to having to wait on a phone or stand in line. As such, organizations in almost every industry have been expanding their capability to handle digital inquiries via chatbots. It is estimated that over 80% of customer service interactions will be managed by chatbots by 2020.

Our goal is to provide increased convenience to resources and information. At times, it can be difficult to obtain information due to limited staffing or hours of operation. A chatbot can provide direct information in response to student questions in a conversational manner on a mobile device. Lehman proposes to launch a chatbot as a pilot to gain experience and then expand based on student demand.

Project cost: \$10,000

CUNY 2019-2020 Student Technology Fee Plan LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Computer Replacement Fund

Person Responsible for Project: Ron Bergmann/Jose Magdaleno

Telephone number: 718-960-8421

Description of Project

Department

Student Affairs and IT

Description:

This request is to establish a fund for computer replacements in student-facing spaces to ensure that Lehman's students have up-to-date equipment. This request will support the purchase of computers beyond those requested in the tech fee plan, will provide a mix PCs, Macs and virtual desktops to replace older computers and support student needs across the campus. Not to exceed \$20,000.

Project cost: \$20,000.

CUNY 2019-2020 Student Technology Fee Plan

LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Replace Apple iMacs in Science Hall

Person Responsible for Project: Vincent Sandella

Telephone number: 718-960-6718

Description of Project

Department

Natural and Social Sciences, and IT

Description:

There are 60 plus older iMACs in Science Hall labs that are currently eight years-old and will soon no longer be able to be upgraded. This will reduce the ability of students to be productive in their lab environment. These computers may also introduce security risks as the age of the machines will disallow further updates in the Apple operating system.

This request is to replace approximately 30 of those aging machines to support our STEM initiatives in Science Hall

Project cost: \$30,000

CUNY 2019-2020 Student Technology Fee Plan LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Quantitative Analysis Support

Person Responsible for Project: Ron Bergmann

Telephone number: 718-960-8421

Description of Project

Department

IT Division

Description:

This is a request for new quantitative analysis resources to support teaching and learning across campus programs, including the Data Science minor and the Lehman Lab for Social Analysis, among other courses and departments. These opportunities for interdisciplinary teaching and collaborative research concerning contemporary issues provide students with increase analytic skills within topics of pressing contemporary concern.

Topics of investigation will engage faculty and students from across campus, including departments in the School of Natural and Social Sciences, School of Arts and Humanities, School of Education, and School of Health Sciences, Human Services, and Nursing.

Project cost: \$7,500

CUNY 2019-2020 Student Technology Fee Plan

LEHMAN COLLEGE

Date Submitted April 2019 Academic Year: 2019-20

PROJECT: Online Instructional Support

Person Responsible for Project: Olena Zhadko

Telephone number: 718-960-1172

Description of Project

Department Online Education

Description:

Lehman College offers online programs and courses that provide an affordable, flexible and accessible path to student success. The number of online and hybrid courses has been increasing steadily at the college.

We need to ensure that Lehman offers the appropriate services to our students and prepare our faculty to serve our students and ensure that our technology-supported and online offerings are of high quality. This request will fund:

VoiceThread - VoiceThread can be used in many ways: recording an introduction to a course or to a project; mini-lectures; extending and documenting classroom conversations; digital student-portfolios; language practice; creating online lectures and tutoring modules; and virtual classroom spaces.

Video Capture- Institutional investment in a lecture/screen capture solution will enable us to support technology-infused classroom instruction and grow online education capacity and quality. It allows faculty to record and capture lectures easily with minimal need for training and support.

Video Conferencing – This will enable faculty to access to a tool that supports student learning in-person (e.g. bring in a guest speaker virtually), hybrid and online courses, as well as other offices on campus looking for a way to provide flexible support services (e.g. advising students during lunch hour, not able to come to campus, offering virtual recruitment and orientation sessions).

Project cost: \$10,300

CUNY 2019-2020 Student Technology Fee Plan

LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Online Quality Assurance

Person Responsible for Project: Olena Zhadko

Telephone number: 718-960-1172

Description of Project

Department

Online Education

Description:

This request is for:

a) Online Learning Consortium Workshops - Faculty preparedness to use technology effectively to support student learning leads to improved students experiences and student engagement. We are proposing to become institutional members of the Online Learning Consortium (OLC) and to purchase 10 workshop passes (100 faculty seats) to prepare faculty to use technology effectively to support students learning. The online workshops will provide an opportunity for faculty to advance their knowledge on a wide range of topics from various technologies in the classroom to becoming a more effective online instructor; faculty who complete the program will share their successes with their colleagues and the Lehman community. Our internal resources to offer these opportunities are limited.

c) Accessibility - Institutional investment in addressing accessibility will enable us to be in compliance with the regulations. While the office of disability services offers support to individual students, the office of online education prepares faculty to create, design and develop accessible online learning opportunities. The office of Online Education will train 25 Lehman faculty on how to make their online courses accessible.

Project cost: Consortium Workshops: \$10,000, Accessibility Training - \$15,400

CUNY 2019-2020 Student Technology Fee Plan

LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Experimental New Media Studio

Person Responsible for Project: David Schwittek

Telephone number: 631-944-0067

Description of Project

Department

Art, Journalism and Media Studies

Description:

Our primary goal with the Experimental New Media Studio is to remain current with the latest advances in digital media and art production, some of which are experimental and still in some form of development. Exposure to these technologies would ensure that students will be fluent in cutting edge technology, and that they would be able to integrate a wide range of new working strategies into their creative pursuits. There is a demand in commercial fields for candidates who are comfortable working with a variety of growing technologies, and keeping our department up to date would enhance students' career opportunities. Maintaining cutting edge technology would also attract (and would assist with the recruitment of) future students who are interested in working in digital media.

This proposal outlines a request for a suite of hardware and software, the ultimate goal of which is a wide-reach, stop-motion and experimental animation studio. This studio, which will serve as one of the centerpieces of the Experimental New Media Studio, addresses classroom and lab needs that have recently arisen due to our evolving CGI and Design curriculum.

Specifically, DZED Systems offers an iPhone/iPad app which, when paired with their Dragonframe desktop software we are requesting herein, would allow students on-demand access to quick, stop motion workflow anywhere in the Art Department labs and studios. We see this as an ideal solution for teaching the nuts and bolts of stop motion, without hampering students with the finer points of the craft (lighting, tracking, depth of field, etc) at this time. What's more, those students with iPhones or iPads would be able to use them in this workflow, eliminating the need for equipment rentals from the department.

Project cost: \$3,710

CUNY 2019-2020 Student Technology Fee Plan

LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Music Program Lab Equipment

Person Responsible for Project: Alan Molnar

Telephone number: 718-960-2240

Description of Project

Department

Music, Multimedia, Theatre and Dance

Description:

Digital Audio Workstation (DAW) technology has become the primary tool for composing, arranging, orchestrating, editing, recording and performing music. Computers, software applications and external audio and music keyboard input devices are constantly in a state of development as the “march of technology” relentlessly moves the creative process forward. This frequent introduction of new technological innovations creates budgetary challenges as we strive to serve the ever-changing creative music production needs of our students. Our most recent significant lab update took place in 2009. This proposal is the second in a two-year planned upgrade of hardware to the lab space and replacement of live audio equipment that is necessary for the functioning of our programs. Parts one from Tech Fee application 2018 was awarded in order to upgrade the computers, monitors, and basic software on each station. Part two, this year's application, completes the lab with necessary music interfaces such as keyboards and headsets. It further permits the live performance of digital and amplified music with a portable sound system.

The new sound equipment that is being requested is powerful enough to serve our performance venues and compact enough that it can be safely assembled and disassembled by a single technician. In the past, we have not had adequate equipment to permit the performance of music created in the lab in a live setting. This equipment bridges that necessary gap between work in a lab and live, electronically enhanced music performance that will make it possible for us to truly pursue Multimedia Performing Arts as our department name suggests.

Project cost: \$9,000

CUNY 2019-2020 Student Technology Fee Plan

LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Digital Media Dedicated Render Station

Person Responsible for Project: David Schwittek

Telephone number: 631-944-0067

Description of Project

Department

Art

Description:

As our digital media and design curricula mature, more powerful rendering and processing power is needed to complete student projects in a timely manner for critique and presentation.

Rather than request an inordinate amount of money to upgrade entire labs, we are narrowing down our rendering needs to one dedicated machine that students can send their developed, pre-rendered project to for rendering out. Moreover, this is common practice in the digital media and broadcast design industry.

This terminal is a crucial piece of equipment that would allow us to stay up to date with the latest developments in arts and technology, and would allow us to run a wide variety of programs and applications. It would also allow for faster render times, the use of the latest advanced plug-ins, and workflows that include 4K video.

The external GPU (eGPU) – becoming more preferred by digital media professionals as graphics cards more rapidly evolve than any other piece of hardware or software, can itself be updated independently of the terminal to allow for the rapid evolution of high end graphics cards.

Project cost: \$6,330

CUNY 2019-2020 Student Technology Fee Plan LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Radio, Podcasting, Streaming equipment replacement

Person Responsible for Project: Tom O'Hanlon

Telephone number: 718-960-5110

Description of Project

Department

Journalism and Media Studies

Description:

The primary Wheatstone Audio Console is 17 years old and is the main device required for all audio and audiovisual curricular and extracurricular work done in the JMS Bronx Journal Webcasting station. Replacement of the console with an up-to-date unit with expanded capacity for mixing and telephone interfacing will permit the continued creation of audio and audiovisual content by students for Journalism, Film & TV and Media Communications Studies classes. The current console is operating at a reduced capacity and was never designed to produce the content required for training. It is also on the verge of failure and is no longer supported by the manufacturer making continued support problematic.

The project is for the replacement of the board hardware itself.

Project cost: \$17,284

CUNY 2019-2020 Student Technology Fee Plan

LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Education Workshops and TaskStream

Person Responsible for Project: Leslie Lieman

Telephone number: 718-960-8699

Description of Project

Department

School of Education

Description:

1) College Assistants for edTPA Lab

College Assistants are critical in helping our teachers meet the technology requirements for the high stakes Teacher Performance Assessments (edTPA) exam needed to receive NYS teaching certification. The training for these positions is extensive. This exam has “condition codes,” that prevent candidates from getting a passing score if they do not submit their work properly (i.e. correct file sizes, formats, etc.) and data shows that students who use the lab are significantly less likely to receive a condition code.

2) Taskstream Accounts

To meet national accreditation standards (CAEP), the School of Education is required to track student data from the point of admissions through New York State Teacher Certification through to graduation and finally to alumni data. Our data collection requires tracking of more variables than what is available from the college and requires students to upload key assignments and assessments. Additionally, we use Taskstream as an integrated system for candidates to collect evidence of their work in student teaching to prepare for the edTPA.

3) Educational Technology Workshops for Teacher Candidates (i.e. Kahoot, Google Tools for Education Certificate)

Our candidates should be fluent in the most frequently used online, collaboration, homework, and data collection tools. Currently this includes Google Tools for Education: Documents, Excel, Forms and more. This workshop cycle introduces candidates to several online PK – 12 tools and prepares them to be eligible for a Google Level 1 Educator Certificate.

Project cost: Taskstream and Workshops - \$6,500. Personnel cost included above.

CUNY 2019-2020 Student Technology Fee Plan

LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: CA-B23 edTPA Lab

Person Responsible for Project: Leslie Lieman

Telephone number: 718-960-8699

Description of Project

Department

School of Education

Description:

The CA-B23 edTPA lab is heavily used by all SOE candidates. We had 638 visits from 88 candidates in Fall 2018 alone. We have 10 computers of different ages (both PC and MAC). We are still using a very old 11th computer offline, to have as many as possible to serve our candidates. This year we are requesting replacement of five (5) Dell OptiPlex 780, 2011 models that we have postponed replacing for as long as possible. Due to daily video, photo, managing audio files, Acrobat Pro use, the iMacs are much more efficient and heavily used in the labs. The Dell workstations are underutilized since they run much more slowly. After consulting with both IT PC and MAC specialists on campus, they all agree that the edTPA lab should be upgraded to iMacs rather than replacement Dell computers.

We are requesting that all the computers are replaced at one time. Software and operating systems need to be as consistent as possible, so replacing a group of computers (rather than a few at a time), would be most beneficial.

Project cost: \$8,040

CUNY 2019-2020 Student Technology Fee Plan

LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Increasing Students' Access to Academic Support in ACE and SLC

Person Responsible for Project: Marisol Jimenez and Ainsley Parkinson

Telephone number: 718-960-8175

Description of Project

Department

Enrollment Management

Description:

Tutors must now use computers to work with students to access course-related assignments during their sessions, as well as access to the resources (such as educational software) that are not readily available except during classes. For example, during the peak times in the Academic Center for Excellence, we have found all desktop workstations are used by students and their tutors and thus we are limited in the number of appointments that can be made at a given time. We request laptops to allow for additional tutoring work spaces for tutors and students and so students waiting to be seen are unable to work on assignments. Consequently, we are asking for funding to replace 5 out of warranty laptops in the Academic Center for Excellence. This laptops will also be made available for students to access course and web-based assignments. To expand students' access to our services, we are also requesting five new licenses for Camtasia to be used in the Academic Center for Excellence and an upgrade of our five existing *Camtasia 9.0* software to *Camtasia Studio* (w/maintenance licenses, via Snag-iT) which are in the Science Learning Center and the purchase of 3D *Anatomy and Physiology* tool (30). We intend to use Camtasia to place online academic support material that is currently only accessible when students visit the centers in person.

Project cost: \$13,415.

CUNY 2019-2020 Student Technology Fee Plan

LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Nursing – Practice Exams and Simulation Software

Person Responsible for Project: Marcia Brown and C. Alicia Georges

Telephone number: 718-960-8060

Description of Project

Department

Nursing

Description:

This request is for the renewal of test exams and simulation software that will aid students in becoming proficient with computer adaptive testing. The items tested on the HESI exams after each clinical course are reflective of the type of items that will be on the NCLEX RN.

Students must be prepared for the ongoing changes in the health care system and the necessary documentation of care. Students must be successful in the NCLEX RN and the Department will accomplish its goal of graduating professionals who will provide quality health care and nursing services to the Bronx and surrounding communities.

Project cost: \$55,637

CUNY 2019-2020 Student Technology Fee Plan

LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Audiology Equipment

Person Responsible for Project: Cheryl Smith Gabig

Telephone number: 718-960-8031

Description of Project

Department Speech Language and Hearing Sciences

Description:

The current audiology equipment is more than 10 years old, and both the audiometer and the middle ear analyzer are broken and cannot be repaired. Therefore, there is a critical need to replace and upgrade the audiometer and the middle ear analyzer equipment to current models. The rationale for replacement is that both the audiometer and middle ear analyzer are used in the teaching and training of graduate students in Speech-Language Pathology and in the education of undergraduate students in a core course within the major.

Approximately 140 graduate and undergraduate students use this equipment each semester during their coursework or clinical training. In addition, this equipment is used by student who conduct free hearing screenings on campus; approximately 200 students per semester are screened for free and referred for further audiological testing as needed. These hearing screenings serve the dual purpose of training our graduate students in SLP and serving the Lehman community.

Project cost: \$11,550

CUNY 2019-2020 Student Technology Fee Plan LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: American Social Work Board On-Line Practice Exam Program

Person Responsible for Project: Carl Mazza

Telephone number: 718-960-7862

Description of Project

Department

Social Work

Description:

ASWB develops a licensing exam for MSWs which is used by all 50 states. It is extremely difficult to find professional social work positions without possessing state licensing. However, the exam has been criticized for bias against non-native English-speaking people; people of color; people in large urban areas; and people who grew up in households with little computer technology. Programs with student populations similar to Lehman's do less well on the exam than programs with less diversity. We request this on-line computer program to intensively prep our students.

ASWB offers an on-line licensing practice exam program by yearly subscription. We have a staff person who works with the students both in groups and individually in helping them critically think about the questions and deduct what the questions are really asking. Questions are often designed to be confusing or misleading.

Project cost: \$1,800

CUNY 2019-2020 Student Technology Fee Plan LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Library Database Subscriptions

Person Responsible for Project: Kenneth Schlesinger

Telephone number: 718-960-8577

Description of Project

Department Library

Description:

Library online database subscriptions:

The Library currently subscribes to many online databases and journals. The Technology Fee funds many of these subscriptions. The proposed funds will continue to support subscriptions with the addition of the Web of Science subscription.

Project cost: \$342,490.

CUNY 2019-2020 Student Technology Fee Plan LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Library General Tech Fee Request

Person Responsible for Project: Kenneth Schlesinger

Telephone number: 718-960-7776

Description of Project

Department

Library

Description:

Renew subscriptions to the Virtual Reference Software and the Gimlet statistics software and add the LibCal (Library Hours Online) software. This is an online scheduling software that can be used for various items around the Library such as Group Study Rooms, the Bloomberg Terminal, Instruction Classes, and Readings.

Also, this year, we request a Technical Support Assistant to assist the Library Help Desk in supporting the students working in the Library (cost included in staffing request on page 2).

Project cost: \$9,600

CUNY 2019-2020 Student Technology Fee Plan

LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Preparing Students for STEM careers

Person Responsible for Project: Maryam Bamshad

Telephone number: 718-960-8646

Description of Project

Department

Biology

Description:

The computers where genetics and biostatistics courses are currently need to be upgraded so the faculty can use the most current technological tools available for teaching quantitative biology courses.

Training larger number of students in understanding data analysis and the genetic basis of life will prepare more students for STEM careers. Small classes such as endocrinology in which students conduct in-class online research and virtual labs can be taught in these rooms rather than lecture halls. We would also be able to begin teaching the Biology Journal Review course or Biological data analysis and interpretation in which faculty can use computers to train students in online research and engage them in scientific discussions that would improve their communication skills.

We are requesting 35 VDI setups that will allow us to meet the above needs in two classrooms in Davis Hall.

Project cost: \$9,100.

CUNY 2019-2020 Student Technology Fee Plan

LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Three Mac Computers for the Math Lab

Person Responsible for Project: Loric Madramootoo and Marvin Florin

Telephone number: 718-960-8851

Description of Project

Department

Computer Science

Description:

The addition and integration of iMacs into the Math Computer Science Learning Center would enhance students auditory and visual modes of learning. The iMacs provide a number of advantages to student learning:

- 1) Ability to involve students and encourage interaction between students.
- 2) Use of multiple programs to aid students in learning.
- 3) Increase in student learning and ownership of that learning.
- 4) Provide tutoring support for classes which require MAC software (i.e. CMP 464 IOS Programming and MAT 128 Foundations of Data Science).
- 5) Students learn about the latest programming tools on MAC platform (i.e. GIT).

Request is for three iMacs.

Project cost: \$4,497

CUNY 2019-2020 Student Technology Fee Plan

LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Operating System for Ultima iV X-Ray Diffractometer

Person Responsible for Project: Andrei Jitianu

Telephone number: 718-960-6770

Description of Project

Department

Chemistry

Description:

Certain equipment in the chemistry laboratories are controlled via PCs. In 2011, using a State grant Dr. Jitianu from the Chemistry Department purchased an Ultima IV Rigaku X-Ray diffractometer. The value of the equipment is ~\$200,000. The main reason for purchasing this equipment was its integration in the Advance Inorganic chemistry laboratory. Using advance equipment in the chemistry laboratories is one of the specific requirements of the American Chemical Society for maintaining the certification of the Department of Chemistry. The acquisition software D/ Max, D/teX and interpretation Software PDXL are working only under an older Windows operating system that has reached the end of their lifetime. Using the present system, we cannot re-calibrate the equipment and we cannot get any update for the software due to the fact that a computer cannot be connected to the internet.

In order to maintain the usage of the X-Ray Diffractometer in the teaching labs, we need to update the entire operation system at Windows 10 and to buy the updated measurement and acquisition software D/MAX and D/teX, and also to buy the interpretation system PDXL2 along with a new computer.

This will help our students to learn how to operate on a state-of-the-art equipment which will prepare them for the workforce. Moreover, this equipment is needed for the certification of the Chemistry department by the American Chemical Society.

Project cost: \$9,693

CUNY 2019-2020 Student Technology Fee Plan

LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Printing Technology to Advance Instruction in Sociology

Person Responsible for Project: Kofi Benefo

Telephone number: 718-960-6784

Description of Project

Department

Sociology

Description:

This request is for the purchase of a printer for each of the computer classrooms in Carman where sociology faculty regularly teach data analysis skills. This would include Carman 220, Carman 242, and Carman 342, as well as our two wireless computer carts, which are housed in Carman 321A (they are intended for use in CA-327 and CA-329). It is worth noting that the laptop carts in CA-321A were originally purchased by the Sociology Department with funding from NSF (as well as a matching equipment grant from GRTI). In that original purchase, we paid for printers for each of the mobile carts. However, over time, the printers need to be replaced.

There is a vital need for printing capabilities in the classrooms. For faculty teaching data analysis classes, there is frequently a need to print brief handouts or assignments prepared or done during class. As the Sociology Department is at the forefront with its efforts to teach students vital quantitative reasoning and statistical skills, printing is a necessity to promote classroom learning.

Total Request for 5 small printers

Project cost: \$1,000

CUNY 2019-2020 Student Technology Fee Plan LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Hardware to Increase Student Access

Person Responsible for Project: Merrill Parra

Telephone number: 718-960-8441

Description of Project

Department

Student Disability Services

Description:

The recommended items we propose to purchase are designed to provide improved access to students with disabilities. The proposed equipment will be available for access in our three locations and will facilitate the needs of students with disabilities. Our hardware requests will serve to increase our stock of equipment for students with disabilities and well as to replace devices that are failing due to heavy usage.

Our software requests are also necessary to allow us to continue to support students who need the help of specialized software in order to use a normal PC for their everyday work.

Items include LiveScribe Notebooks and pens, writing and dictation software, five laptops and digital recorders.

Project cost: \$ 14,282.

**CUNY 2019-2020 Student Technology Fee Plan
LEHMAN COLLEGE**

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Campus Link/Campus Labs software

Person Responsible for Project: José Magdaleno/Michael Sullivan

Telephone number: 718-960-8241 / 718-960-8535

Description of Project

Department

Student Life

Description:

This request is for annual support contract for Collegiate/Campus Link, social network software available to Lehman students and clubs.

Project cost: \$26,000

CUNY 2019-2020 Student Technology Fee Plan LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Student Health Center Student Patient Portal

Person Responsible for Project: Cindy Kreisberg

Telephone number: 718-960-8902

Description of Project

Department	<u>Student Health Center, Health Education and Wellness, Student Affairs</u>
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Description:

This request is for continued support for the Student Health Center Student Patient Portal. The student patient portal will allow students to have automated access for easier submission of immunization records for registration, easier access to make appointments, be able to print out immunization records, print out lab work results and office visits, state mandated e-prescribing, and email communications to providers.

Project cost: \$6,400.

CUNY 2019-2020 Student Technology Fee Plan

LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Collaborative Utilization of Career Management System

Person Responsible for Project: Bascillia Tousaint

Telephone number: 718-960-8366

Description of Project

Department

Career Services

Description:

Symplicity is a career management system used widely throughout CUNY and by over 1,300 higher education institutions. It is an innovative easy-to-use solutions that enable us to streamline processes, improve outcomes, and cultivate positive relationships with our students, employer partners, and Lehman community.

The new addition of the Mock Interview Module will allow student and advisors to select from 1,100- pre-recorded questions to build custom mock interviews that are completed virtually. Advisors can provide feedback and rate student performance.

Career Services also has a Student Career Lab where students come in to do career related activities including job search, activation of their Symplicity account, and resume updates to name a few. We also use the lab for LinkedIn 101, and The Right Major For You workshops which require access to computers. Currently, three computers also need to be replaced.

Project cost: \$15,977

CUNY 2019-2020 Student Technology Fee Plan

LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Text Messaging ELOs in Community Service-Learning

Person Responsible for Project: Amanda Dubois Mwake

Telephone number: 718-960-4020

Description of Project

Department Community Engagement

Description:

Lehman is seeking to better meet the needs of our students through an increase in access to experiential learning opportunities. Based on the success of Enrollment Management's texting campaigns, the office has researched implementing the text messaging platforms. With research showing that the average text is read in under five seconds and produces engagement rates six to eight times higher than emails, a platform would help us better connect members of the campus community to experiential learning opportunities in community service-learning.

Through a robust campaign that would include campus posters, members of the community would have the ability to join the platform. Once registered, not only would they be able to learn about upcoming opportunities and get last minute updates, but they would also have the ability to fully register for programs. This would help streamline the registration process which would then improve the overall student experience.

We are requesting the initial funding of \$2,268 to implement the platform.

Project cost: \$2,268

CUNY 2019-2020 Student Technology Fee Plan

LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Counseling Center Technology

Person Responsible for Project: Karen Smith Moore

Telephone number: 718-960-8761

Description of Project

Department

Counseling Center

Description:

The Lehman College Counseling Center (LCCC) continues to provide free, confidential services and support, available to all registered students. In the 2017-2018 academic year, we provided service to 609 students, conducted 4,205 individual counseling sessions and provided educational events, screenings, activities and workshops for 2,060 students.

This data reflects the need for a Counseling Center services. LCCC looks forward to expanding our services and incorporating technology into the delivery of a range of mental health services with the support of Tech Fee funding.

The funding requested will allow the Counseling Center to purchase additional laptops, technology and equipment to further expand its reach and delivery of services to Lehman College students. Students utilize laptops at the Counseling Center to connect with vital resources that support their psychological health and emotional well-being. Students will use laptops and other technology:

- To complete intake and assessment information
- To access online mental health screenings
- For use during campus-wide educational events
- To access online mental health modules and additional resources and support

Project cost: \$5,145

CUNY 2019-2020 Student Technology Fee Plan LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Tech Support for Lehman's Veteran Community

Person Responsible for Project: Luis Soltero-Rodriguez

Telephone number: 718-960-7188

Description of Project

Department

Veteran Services

Description:

The three computers requested will be housed in the office for students to use, as they are required to retrieve their military documents for admissions purposes and to apply and update their VA benefits.

It can take a student veteran up to a half hour to complete their required VA and military paperwork (E-Benefits) for educational benefits and military transcripts. We are seeking these computers, because it will enable our student veterans to have access to computers in our new Veteran Computer Lab/Lounge, which is housed in the Office of Veterans and Military Affairs.

By having a "One Stop Shop" for their technological needs, it will enable the student veteran to feel part of the Lehman family, but, most of all, it will provide them with central location, which is of great importance.

Project cost: \$2,340

CUNY 2019-2020 Student Technology Fee Plan

LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Meridian Office Upgrade

Person Responsible for Project: Michael Sullivan

Telephone number: 718-960-8535

Description of Project

Department

Meridian Newspaper

Description:

The Meridian, Lehman College Student Newspaper, is in need of a replacement laptop for the production editor. The laptop is used to layout the issues in a timely fashion. The laptop needs to be able to handle heavy graphics for photo and video editing.

Project cost: \$2,000

CUNY 2019-2020 Student Technology Fee Plan LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Desktops for Club Offices

Person Responsible for Project: Michael Sullivan

Telephone number: 718-960-8535

Description of Project

Department

Campus Life

Description:

This request is for the replacement of aging club computers for the club rooms in the Student Life Building. These computers are used for day-to-day activities of the clubs.

Project cost: \$20,280

CUNY 2019-2020 Student Technology Fee Plan LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Student Government Hardware Upgrade

Person Responsible for Project: Michael Sullivan

Telephone number: 718-960-8535

Description of Project

Department Campus Life

Description:

Student Government needs an upgrade of their existing computers to be able to continue to serve the Lehman College community. Total of 16 Windows PCs for normal use, and two iMacs to allow for creating and editing of videos and announcements are requested.

Project cost: \$15,078

**CUNY 2019-2020 Student Technology Fee Plan
LEHMAN COLLEGE**

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Conference Room Upgrade

Person Responsible for Project: Michael Sullivan

Telephone number: 718-960-8535

Description of Project

Department

Campus Life

Description:

This request is to upgrade the audio-visual equipment in two Campus Life conference rooms. The request to upgrade both conference rooms to Smart Rooms.

Project cost: \$2,030

CUNY 2019-2020 Student Technology Fee Plan

LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Apple Security Suite

Person Responsible for Project: Jose Torres

Telephone number: 718-960-7477

Description of Project

Department

Campus Support Services

Description:

This Proposal is for the purchase of licenses for continued use of the JAMF software across the campus. JAMF allows the IT department to remotely support Mac computers and tablets, and includes the ability to push software updates and deployments. This ensures that devices are secure and up-to-date.

Project cost: \$10,024

**CUNY 2019-2020 Student Technology Fee Plan
LEHMAN COLLEGE**

Date Submitted April 2019

Fiscal Year: 2019-20

PROJECT: Single Sign-On Project

Person Responsible for Project: Venu Gopal

Telephone number: 718-960-8421

Description of Project

Department IT Division

Description:

This request is for the continued funding for students to use the Lehman One Access password wallet system.

One Access provides our campus secure access CUNY and Lehman applications with a single click after signing in once. The goal is to alleviate users from having to remember multiple passwords to access everyday applications. Over the last year, One Access has been incorporated into Lehman 360, providing a more integrated approach.

Project cost: \$2,000

CUNY 2019-2020 Student Technology Fee Plan

LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: SkillSets Online

Person Responsible for Project: John Dono

Telephone number: 718-960- 8421

Description of Project

Department

IT Division

Description:

Covers half the cost of the Skillsoft training software. This online IT training software covers a variety of technology topics from general to specific and is available to students so that they can benefit from this resource. It provides various courses and training in a large range of fields.

Project cost: \$2,500

**CUNY 2019-2020 Student Technology Fee Plan
LEHMAN COLLEGE**

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Wireless Network Enhancement Proposal

Person Responsible for Project: Venu Gopal

Telephone number: 718-960-8421

Description of Project

Department

Networks, Servers, and Advanced Systems

Description:

The proposal is to replace and add additional wireless access points to classrooms and other spaces to enhance wireless coverage and increasing roaming available to our students.

Students now have more devices and increasingly rely on wireless services to be productive. This request will facilitate new devices with advanced wireless features to provide better Wi-Fi coverage for our community.

Project cost: \$57,000

CUNY 2019-2020 Student Technology Fee Plan

LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Campus Software and VDI Support

Person Responsible for Project: Venu Gopal

Telephone number: 718-960-8421

Description of Project

Department

Networks, Servers, and Advanced Systems

Description:

This request is to fund continued support of software used across campus. This includes Class Climate Software, which is used for the student evaluation of teaching and learning, and Snap software, which is used to create surveys. This request will also support the virtual desktop hardware inventory.

Project cost: \$18,032

CUNY 2019-2020 Student Technology Fee Plan LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Queue Management

Person Responsible for Project: Renan Ovalles

Telephone number: 718-960- 1975

Description of Project

Department

Networks, Servers, and Advanced Systems

Description:

The Lehman scheduling and queue management system provides students with the ability to use their mobile device or a kiosk to schedule appointments at campus offices. Students are also notified by text message of their status in the queue. The initial roll-out of the system has been very successful and students have expressed satisfaction with the initial implementations at Financial Aid the Carman IT help desk. Admissions and the Bursar's Office were recently added.

The request is to configure the queues for additional campus offices. The goal is to install kiosks near offices for check-in as well as monitors to display the current students being served.

Project cost: \$15,058

CUNY 2019-2020 Student Technology Fee Plan

LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Replace Event Laptops

Person Responsible for Project: Vincent Sandella

Telephone number: 718-960- 6718

Description of Project

Department Campus Support Services

Description:

Laptops are used on a regular basis to provide connectivity for students during information sessions, such as orientation and major/minor fairs and at many other events. The college's fleet of devices currently is aging, and to continue supporting these events, we are requesting 20 laptops for this information sessions and other student events.

Project cost: \$14,923

CUNY 2019-2020 Student Technology Fee Plan

LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: Lehman Stories Producer

Person Responsible for Project: Brendan McGibney

Telephone number: 718-960-1964

Description of Project

Department

Multi Media Center

Description:

Lehman Stories is a project created by and for Lehman students to showcase the incredible members of the Lehman community. All aspects of production are completed by students including music, video, images, editing, and social media. This is a valuable learning experience as well as an important way to tell the Lehman story.

We are proposing to recruit a student college assistant to help continue the production of Lehman Stories. Working with student interns, this production assistant will lead the efforts to create compelling stories highlighting the accomplishments of the Lehman Communities.

Project cost: (\$12,000 + Fringe included on page 2)

CUNY 2019-2020 Student Technology Fee Plan

LEHMAN COLLEGE

Date Submitted April 2019

Academic Year: 2019-20

PROJECT: East West Library License

Person Responsible for Project: Brendan McGibney

Telephone number: 718-960-1964

Description of Project

Department

Multi Media Center

Description:

This request is the renewal of our East West sound library for use in music and video production classes. Audio libraries are used for scoring and creating music with the existing software used at the MMC. The library has been very successful for our current classes and the number of music classes have increased as of the Spring semester 2018

The proposal is to request purchasing 10 seats at \$180 per seat totaling \$1,800.

Project cost: \$1,800
