TRAWG Projects Ranked in 2018/19 and Funded for 2019/20

Unit Name	Resource Requested	Justification	Priority	Overall / Aggregate Cost	Building and Room #
Library	Acquire a 3rd circulation station for the circulation desk to go on the wheelchair height counter. The circulation station components include: computer with monitor, barcode scanner, and receipt printer.	ADA regulation requires a wheelchair height counter, which needs an additional circulation station for students to check in/out materials. NOTE: Computer station was approved and completed, but the barcode scanner and receipt printer are also needed to make this station complete.	High	1,000	LLR 2nd Floor
Astronomy/ Physics/ PhysScience	Seven computers for classrooms on the second floor of the PS building to complete making these smart classrooms.	PS-202, 203, 204, 205, 207, 222, & 224 are mostly smart classrooms with projectors and document cameras but they lack classroom computers. This poses potential issues with faculty using these rooms that expect computers and come with only a flash drive. In addition, the college does not issue part-time faculty computers so that part-time faculty must have their own computer in order to use the projectors in these mostly smart classrooms.	Medium	14,000	PS-202, 203, 204, 205, 207, 222, 224
Chemistry	Purchase of "COW" (computers on wheels) setup similar to that purchased for physics.	We currently cannot assign computer based activities in lab, or any activity that requires specialized software. Our current set of obsolete laptops function to run sensors, but can barely connect to the internet and are barely functional for most uses.	Medium	50,000	
Information Technology	Access points and Power over Ethernet (PoE) switches	We are constantly looking to improve wireless coverage for users. We still have coverage gaps and areas that are overcapacity.	High	20,000	Campus wide
Information Technology	Uninterruptible Power Supplies (UPS) for network equipment	Most of the network closets on campus do not have a UPS installed. A UPS is needed to keep network equipment up and running during brief power outages. This will help keep communications available during a power outage (VoIP phones). A UPS helps protect the network equipment from spikes in voltage.	High	45,000	Every network closet in every building on campus

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Unit Name	Resource Requested	Justification	Priority	Overall / Aggregate Cost	Building and Room #
Geology	Make PS-134 a smart room	PS-134, our lab/lecture room, is one of the few remaining classrooms on campus without a class computer connected to the projector. This is a gigantic headache for faculty as they are constantly struggling with technical issues connecting their personal computers to projectors. Furthermore, as our program moves towards more modern digital forms of exploring geoscience, we will need a computer that can run mapping software. Many personal computers are unable to do this, thus we need a class computer. *This request is critical.*	High	1,500	PS-134
Information Technology	Network tester - wired and wireless	The IT department needs a professional grade network tester to help resolve network connectivity issues that occur on wired and wireless networks.	High	5,000	Campus wide
Photography	1 new Epson Perfection V850 scanner in Digital Photo Lab.	Would bring the total of flatbed film scanners in digital lab to 4. Increased access to technology.	High	950	HSS 118
Photography	2 Braun FS120 Medium Format Film Scanners	Need to have dedicated medium format film scanners as medium format film is an integral part of the curriculum. Produces higher quality scans from medium format film.	Medium	4,300	HSS 118
Astronomy/ Physics/ PhysScience	Advanced Scantron Test Scoring Machine	This modern scantron device sends all results to a computer (prep room computer could double for this use in a pinch), results are saved in an excel spreadsheet, which are then mailed to you. The resultant spreadsheet also includes some exam statistics analysis which will aid in the analysis of SLOs. This will replace our rather dated version that often jams and otherwise misbehaves. Note that this scanner will be used by Physics/Astronomy, Engineering, Computer Science, Chemistry, Geology, Geography/GIS, and Environmental Science all housed in the Physical Science building. This item is priced about $2000	Medium	2,000	PS-226
Chemistry	Purchase of a Microsoft Surface Pro Tablet (or iPad Pro) for lecturing in T-114	The long, wide nature of the lecture hall in T-114 makes it very difficult to use board work that is visible to all students. One instructor has begun using an iPad Pro as a tablet to write on, and his handwriting is then projected on both screens at once. We would like to buy a communal Surface Pro that would allow all instructors in that room to do the same.	High	2,000	T-114

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Health Science	Wireless cameras with microphones, for viewing the inside of the simulated ambulance during simulations or skills testing.	The simulated ambulance would be used more often, more effectively, and more safely if it was equipped with cameras that allowed for remove viewing. The side panel of the ambulance is meant to be removable so more people can see inside the ambulance from the outside. However, the panel can be unintentionally dislodged if a student leans against it, which is a fall hazard. With the cameras, the side panel could be more securely fastened. With cameras and a microphone, non-participating students would also then not need to crowd around the "window" and "door" of the ambulance in order to view what was happening.	High	500	HSC 109
Information Technology	We will need to add cabling, speakers, button panels, and possibly a digital media presentation units to the classrooms in Fountain Hall.	Instructors have complained of the lack of audio capabilities in the FH classrooms for some time. We would like to allow instructors to use their portable devices in class to enhance their lectures and course content.	High	30,000	FH
Astronomy/ Physics/ PhysScience	Laptop to control new scanner This is tied to the request for a new Scantron machine (item # 71)	Dedicated laptop to control the newly requested Apperson Education Products Benchmark 3000 Test Scoring Machine Answer Scanner that will help facilitate SLO's and regular exams for those that use scantron exams.	Medium	1,500	PS-226
Counseling	Equip every Counselor office with camera/speakers for computer to allow for online Counseling options.	Equip remaining Counselor Offices with Camera/Speakers for increasing Video/Online Counseling. Target Population: Working adults, Online Students, International Students, students with difficulty accessing campus. 6 offices x $70 camera, $50 for speakers Estimated Cost: $750	Medium	1,500	

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Unit Name	Resource Requested	Justification	Priority	Overall / Aggregate Cost	Building and Room #
Distance Education and Instructional Technology	Purchase 100 webcams with 4 yr warranty with tax and shipping $3300 Request tied to # 85	A best practice for online and flipped or hybrid classroom teaching is to record engaging videos with faculty derived audio. Additionally, offering synchronous (skype-like) teaching/office hour/instructional sessions are also more and more common as this is an effective teaching method to employ for increased retention and success. To support this level of engagement and interaction, faculty need high-quality webcams. We teach them how to record videos and how to lead live online sessions, but we do not have the resources to provide headphones to faculty so they may engage in these methods most effectively. We are requesting the funds to purchase high quality webcams that we can give to MC faculty to use in the classroom, so they can take our advice and increase interaction and engagement through video and live integration.	High	3,300	
Astronomy/ Physics/ PhysScience	laptop for observatory	Purchase a laptop computer that will be used to control the telescope, CCD camera, and flat screen display for astronomical use. Update: Funding approved last year but not yet ordered or received.	Medium	1,200	PS-226
Distance Education and Instructional Technology	100 headphones with 4 yr warranty with tax and shipping $3,346 Tied to request # 88	A best practice for online and flipped or hybrid classroom teaching is to record engaging videos with faculty derived audio. Additionally, offering synchronous (skype-like) teaching/office hour/instructional sessions are also more and more common as this is an effective teaching method to employ for increased retention and success. To support this level of engagement and interaction, faculty need high-quality headphones. We teach them how to record videos and how to lead live online sessions, but we do not have the resources to provide headphones to faculty so they may engage in these methods most effectively. We are requesting the funds to purchase high quality headphones that we can give to MC faculty to use in the classroom, so they can take our advice and increase interaction and engagement through video and live integration.	Medium	3,346	

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Library	Dual Monitor Setup at Reference Desk and in librarian offices. 4 dual monitor setups total	Request for a dual monitor setup at the Reference Desk and in the librarian offices to enable more efficient and effective work stations. The digital work space required for navigating multiple windows across databases, comparing metadata, and editing video footage is currently inefficient. A dual screen setup at the Reference Desk will allow librarians to share the monitor with the patron allowing for a more effective reference interaction.	Medium	1,050	LLR
Child Development	Desk top computer for CDC-146 to be utilized by part-time faculty and counselors (if they schedule time for advisement in the CDC)	The utilization of this work space is limited, as faculty need to provide their own equipment to access Canvas and campus e-mail.	Medium	1,200	CDC-146
Outreach	Surface Pro	Dual Enrollment demands require use of student information system on-site while assisting high school student with the enrollment process.	High	3,500	
			Total	192,846	