

Complete and submit this form, along with any supplemental documentation, to the Office of the President by 5:00pm on the seventh day prior to the Board meeting.

**Date of Board Meeting:** April 18, 2023

**Subject:** Johnson Foundation Grant Award - \$511,000

**Recommendation:** Notify the Board of Trustees that WCJC has been awarded funding from the Johnson Foundation for Allied Health equipment totaling \$511,000.

**Background and Rationale:**

**Grant Funding Agency:** M.G. and Lillie A. Johnson Foundation, Inc.

**Grant Title:** Equipment Upgrades for the WCJC Allied Health Division

**Award Period and Amount:** Fiscal Years 2023 – 2024; \$511,000

**Matching Requirement:** None

**Cost and Budgetary Support:** \$511,000 (Award amount; no cost to the institution.)

**Strategic Priority Alignment:**  Student Success  Community Impact  
 Resource Optimization  Institutional Excellence

**Resource Person(s):** Amanda Allen, Ed.D.; VP of Strategy, Enrollment Management, and Technology

**Signatures:**

 B. B. Keen 04/04/23  
Cabinet-Level Supervisor Date

**President's Approval:**

 4-4-23  
President Date

*M.G. and Lillie Q. Johnson Foundation, Inc.*

*P.O. Box 2269*

*Victoria, TX 77902*

*One O'Connor Plaza  
Suite 905*

*phone 361-575-7970  
e-mail mgjff@obcglobal.net*

March 27, 2023

Wharton County Junior College  
Attn.: Betty McCrohan  
911 Boling Highway  
Wharton, TX 77488

Dear President McCrohan:

**I am pleased to enclose a grant award in the amount of \$511,000.00 for equipment upgrades for the Allied Health Division as defined in your February 27th grant request. The Grantee shall execute and return the Grant Award Contract and provide quarterly updates on the status of the project. Once the project is completed, a final accounting is required. This should be a detailed summary on how the grant award was expended. Please also provide a contact e-mail address for future correspondence.**

All grants made by the Johnson Foundation must be in compliance with the requirements pertaining to organizations which have a tax-exempt classification as set forth in the 1969 Tax Reform Act. All funds awarded to Grantee shall be used in compliance with such Act. Grantee must certify that this grant shall not jeopardize Grantee's status as not a private foundation under Section 509 of the Internal Revenue Code. If requested, Grantee shall supply any required additional information to establish that the Johnson Foundation has observed all requirements of the law with respect to this grant.

The Grantee is to immediately notify the Johnson Foundation of any change in its federal tax-exempt status. The Johnson Foundation reserves the right to have all remaining grant funds immediately returned. No part of the this grant award shall be used to carry on propaganda, influence legislation, influence the outcome of any specific public election or carry on, directly or indirectly, any voter registration drive.

The Johnson Foundation shall to be advised of all outstanding requests soliciting funding for this project. Where the Grantee has budgeted funds for this specific purpose, the requested amount should be offset by such budgeted funds. Excess funding shall be returned to the Grantor unless specific authority is given to expend the funds for a different purpose. This Grant award is to be used solely for the purpose as defined in Grantee's Grant Proposal and is subject to the contractual restrictions that have been placed on it. Any variations from the intended use are subject to receipt of the Foundation's prior, written approval.

RECEIVED

MAR 29 2023

PRESIDENT'S OFFICE

The Foundation desires that all resources of grantee be dedicated to accomplishing its philanthropic purposes. Accordingly, Grantee agrees not to recognize the Foundation, its board members or staff, or this grant with certificates, plaques, or similar mementoes. The Foundation prefers to be passive in participating in making announcements of its grant awards. The Foundation shall be furnished copies of news releases and any other published material, pictures, etc. which may develop in connection with this grant award.

Please acknowledge receipt of this grant award and your acceptance of the conditions as expressed in this letter by signing at the place indicated below and return a copy to the Foundation. We appreciate the opportunity to assist with the needs of your organization.

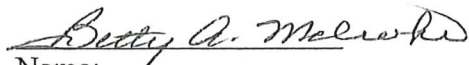
Sincerely,



Robert Halepeska  
Executive Vice President

Accepted and agreed to this 30th day of March, 2023.

Wharton County Junior College



Name:

Title: President



## **Wharton County Junior College**

911 Boling Highway • Wharton, Texas 77488 • (979) 532-4560

Office of the President

Phone (979) 532-6400

Fax: (979) 532-6536

email: [betty@wcjc.edu](mailto:betty@wcjc.edu)

February 27, 2023

Robert Halepeska, Executive Vice President  
The M.G. and Lillie A. Johnson Foundation  
P.O. Box 2269  
Victoria, Texas 77902

Dear Mr. Halepeska:

Wharton County Junior College would like to ask for the support of the M.G. and Lillie A. Johnson Foundation for our plan to upgrade the equipment housed within the Johnson Health Occupations Center at the WCJC campus in Wharton.

To move forward with the equipment upgrade for the Allied Health Division, WCJC would like to request a multi-year grant of \$510,795 from the Johnson Foundation. This grant would be used exclusively for the purchase of the equipment outlined in the Application. For your review, I am enclosing a formal application for funding along with all necessary supporting documentation.

This project will support and bolster the excellence of a number of the College's programs of study in the health fields, including Associate Degree Nursing, Licensed Vocational Nursing, Dental Hygiene, Health Information Technology, and others. It will benefit all students in our Allied Health programs, and it will enable us to increase enrollments in our health programs at WCJC.

We are very grateful for the continuing support and encouragement we have received from the Johnson Foundation, and would appreciate your thoughts and ideas regarding this project.

Sincerely,

Betty A. McCrohan  
President

Enclosures



**Wharton County Junior College**  
**Allied Health Equipment Upgrade**  
**Project Narrative**

**Institutional Profile**

Established in 1946, Wharton County Junior College (WCJC) is a public, two-year, comprehensive community college offering a postsecondary educational programs and services that enhance our students' future while directly benefiting our community. Accredited by the Southern Association of Colleges and Schools Commission on Colleges, the college awards associate degrees in the Arts and Applied Sciences. WCJC's service region is southwest of Houston, Texas and includes: Wharton, Matagorda, and Colorado counties as well as parts of Fort Bend, Jackson and Austin counties.

A core tenant of the college's mission is to prepare our students for entry-level positions and advancement in various professions, specifically in those areas that meet the needs of business, industry, and the community-at-large while contributing to the economic development of our service region. WCJC is an institution that emphasizes personal attention to students, innovation and flexibility in our credit and non-credit offerings, and responsiveness to the communities we serve.

WCJC is requesting Allied Health Equipment Upgrade funds to help us better serve and support our diverse student populations while attending to the principles elucidated within our institutional mission. With a majority-minority student population, as well as a significant number of programs that address high-demand job markets in the Gulf Coast region, WCJC is

fully committed to maximizing the potential marketability and earning potential for our students.

### **Project Description**

In 2019, the expansion and renovation of the Johnson Health Occupations Center was completed, including the purchase and installation of state-of-the-art simulation and training equipment. This project enabled the college to offer students an exceptional level of innovative training which is required for graduates to become gainfully employed in today's competitive healthcare field. In the three academic years following the expansion and renovation of the Center, WCJC has graduated 155 Associate Degree Nursing students, 148 EMT/Paramedics, 72 Licensed Vocational Nurses, 45 Dental Hygienists, 45 Radiologic Technicians, and 35 Physical Therapist Assistants. Moreover, in the year directly following the opening of the Center, the Registered Nursing, Radiographer, and Dental Hygienist programs realized a licensure pass rate of 100% within each of their respective student cohorts.

The successes experienced within each of these programs, along with the resulting impact on our students and communities, is due in large part to the immersion of the WCJC Allied Health curriculum in a teaching environment that is cutting-edge and equipped with the most advanced training equipment on the market. In order to ensure that WCJC continues this level of student success, the equipment in the Allied Health division needs to regularly be upgraded to ensure that WCJC students continue to be trained on the most innovative methods and machines, resulting in the development of true leaders within their fields. The ever-changing and rapid introduction of new technologies within the Allied Health field requires

WCJC to continually refresh the equipment which is used to provide training for our students.

As a result, WCJC is requesting funds from the Johnson Foundation to continue the legacy of access and success that has resulted from the Foundation’s investment in the students of WCJC.

**Budget Narrative**

The budget for the Allied Health Equipment Upgrade was developed to request the acquisition of adequate funds to support the scope of the project. Primary consideration for inclusion of each item within the budget was to ensure that the objectives of the upgrade could be met. In addition, all entries detailed within the budget have been vetted to identify reasonable and cost-effective solutions based on the services and supports provided to the target population, as proposed within this application. The proposed budget, totaling \$510,795, is based upon a comprehensive assessment of the upgrade and enhancement needs for each of the WCJC Allied Health programs. All funds would be expended during a two year upgrade plan designed by the Allied Health division. Currently, WCJC has not requested funding for this project from any other entities.

<b>BUDGET DETAIL</b>	
<b>DEPARTMENT:</b>	
<b>1. Dental Hygiene</b>	<b>\$100,000</b>
Digital Panoramic Unit	
Portable x-ray unit	
Panoramic DXTRR	
Digital Sensors (size 0,1,2)	
<b>2. Radiologic Technology</b>	<b>\$168,000</b>
Upgrade digital x-ray unit	
Full skeleton real bones	
Wheel chair	
Smart part phantoms	
Full body phantom	

<b>3. Associate Degree Nursing (ADN)</b>	<b>\$29,000</b>
Bedside monitors	
SimPad Plus	
LLEAp software	
Value plus platinum	
<b>4. Physical Therapist Assistant (PTA)</b>	<b>\$1,595</b>
Forearm crutches	
Finger pulse oximeter (2)	
Massage table	
Massage chair	
<b>5. Health Information Technology</b>	<b>\$3,000</b>
Laptop for faculty	
<b>6. Licensed Vocational Nursing (LVN)</b>	<b>\$4,000</b>
SIM Pedi (2)	
<b>7. Human Services</b>	<b>\$2,000</b>
D2L Collaborate system	
<b>8. Simulation Lab (Utilized by ADN, LVN, EMS, RT and PTA)</b>	<b>\$203,200</b>
Maintenance package for Manikins	
Go React system for recording	
Hospital beds (4)	
Nursing Ann + Maintenance	
<b>9. TOTAL COSTS</b>	<b>\$510,795</b>

### Dental Hygiene:

The projected budget for Dental Hygiene will provide a more realistic training model for students. The digital panoramic unit will provide an overview of the oral structures and minimize the amount of radiation the patient receives. The portable x-ray unit will increase the students' ability to take x-rays while reducing the student/patient wait times. The "Panoramic DXTRR" functions as a substitute patient, allowing students to practice their technique with x-



rays on a manikin rather than a patient. We have found that experiences with “DXTRR” increase student confidence and ensure the development of appropriate techniques prior to patient treatment. Digital sensors are used for taking digital x-rays on patients and will allow WCJC to phase out traditional x-rays. As have most dental offices have transitioned to digital x-ray technology, these sensors will enable our students to train on equipment that is most commonly used in today’s dental offices.

### **Radiology Technology (RT):**

The projected budget for RT will enable the program to upgrade to the use of digital x-rays allowing students to train on equipment that is most commonly used in hospitals and clinics. The use of this equipment in the WCJC radiology lab ensures that students are appropriately trained and ready for placement in clinical rotations. A student that is trained on state-of-the-art equipment further bolsters the reputation of the program, while also securing the site for future WCJC students.

In addition to this equipment, the RT program is requesting additional low-tech, tactile training equipment which is instrumental in the training of competent technicians. The request for full skeletons will allow students to view bones and joints in the body, while visualizing how the joints must be manipulated to capture specific images. “Phantoms” are human bones incased in a substance that simulates patient skin and muscle and which allows students to practice patient placement and expose images, thereby preparing the student for their clinical rotations. Finally, it is important for the student to learn how to transfer patients to and from wheelchairs correctly to help avoid injury and best facilitate patient care.

**Associate Degree Nursing (ADN):**

The projected budget for the ADN program will allow for the acquisition of patient monitors which are used at hospital bedsides. The monitors are used for the student to recognize health conditions and perform the proper intervention that would be necessary for the scenario presented. In addition, “Sim Pad plus with LLeap software” is necessary to run the simulators. With the “Sim pad plus and LLeap”, any scenario can be created to give the student a wide variety of intervention experience while providing the best learning atmosphere possible to enhance student learning and success. “Value plus platinum” is the extended warranty package that covers preventative maintenance and repairs for the simulators, ensuring that they are kept in proper working order for the best possible learning outcomes for the students.

**Physical Therapist Assistant (PTA):**

The projected budget for the PTA program will be used to purchase forearm crutches. These specialty crutches are common for certain injuries and the PTA is responsible for teaching patients how to use crutches the crutches as part of their therapy. Students will be able to learn the appropriate technique in lab, providing them with the training required to teach patients at clinical sites. In addition, finger pulse oximeters are devices used to measure oxygenation in the blood when working with therapy patients, while the massage table and chair are utilized to teach therapeutic techniques that are commonly used for some injuries.

**Health Information Technology:**

The Health Information Technology program is a fully on-line program. Providing faculty with a laptop will enhance their ability to respond to students from off-campus sites.

**Licensed Vocational Nursing (LVN):**

The LVN program has requested the purchase of Pediatric Manikins which will be used to simulate treatment on a child in the simulation lab. This training is vital to ensure that students are sufficiently prepared to treat pediatric patients in the clinical setting. Additionally, practice scenarios can be used to increase the gravity of an illness, thereby offering students the ability to critically think about the course of treatment in a variety of scenarios.

**Human Services:**

The Human Services program plans to integrate the “D2L Collaborate” system to aid in delivering courses at multiple locations, both on and off campus. This system will allow more students, especially part-time students, the ability to access the courses associated with this program.

**Simulation Lab:**

Multiple health-related programs utilize the simulation lab to provide state-of-the-art, real-world training to WCJC students. The addition and maintenance of equipment within the simulation lab provides significant student supports for the WCJC ADN, LVN, PTA, RT and Emergency Medical Services departments. The use of this cutting-edge technology during the instructional process significantly enhances the training that is provided to WCJC students, making them career-ready upon completion of their program. The maintenance package for manikins includes updating warranties and repairing simulation manikins that are currently in use within the simulation lab. “Go React” is a platform that instructors and/or students can utilize to record themselves during a check-off of skills or simulations. These recordings can

then be reviewed by the instructor and the students for critique and to enhance students' deeper learning of their patient-care techniques. This system will enhance the current capabilities of the recording system that is in place. In addition, hospital beds are used very frequently and require regular replacement due to ongoing wear and tear. Finally, "Nursing Ann" is a mid-fidelity simulation manikin used to teach basic nursing skills. The maintenance included with Nursing Ann will ensure that the manikin is in proper working order.