

INSTRUCTIONAL EQUIPMENT REQUEST

2021-2022

LPC ADMINISTRATIVE SERVICES - REQUISITION INFORMATION PAGE



Internal Use

E #: 2021-26

Total \$: 38,581.99

Requester Name: Amelia Blackshear Division Name: PATH

The equipment is: A Replacement An Upgrade New Equipment/Technology

SECTION 1: EQUIPMENT DESCRIPTION

Describe the specific equipment requested and how it will be used to replace, upgrade or provide new technology to LPC from what is currently in place:

Med Cognition's PerSim Pro is an augmented reality (AR) medical simulation education program which helps train emergency responders. The company's AR training platform, PerSim, is the first-of-its-kind patient simulator specifically designed to help medical providers enhance critical thinking and mitigate potential mistakes. By leveraging the latest AR and holographic technology, PerSim represents a leap forward, allowing medical professionals to train for those vital times when performing their best makes a difference. The PerSim Pro training system is comprised of Microsoft HoloLens headsets, an Android tablet for instructor-based operation, an Android tablet for virtual patient monitoring, a wireless router, an equipment charging station, a software license to manage PerSim® System components and content with all components encased in a portable rugged Pelican case. This innovative and realistic patient simulation medical training equipment and technology will upgrade and provide new technology to multiple Programs at LPC from what is currently in place.

Equipment Location Building: Faculty Village Room: 280 A

Location Comments:

The PerSim Pro medical training equipment will be located and locked at the Las Positas College (LPC) Livermore Campus at the Faculty Village in Room 280 A, a limited-access storage room. When the Public Safety Complex is completed, the PerSim Pro will be stored and utilized in one (1) of the three (3) Emergency Medical Services training simulation laboratories.

SECTION 1: EQUIPMENT DESCRIPTION (continued)

If applicable, describe the legal requirement, mandate, or safety concern for purchase of this equipment, making specific reference to the legal requirement or regulation:

See Attached:

APPENDIX A

A.

SECTION 1: EQUIPMENT DESCRIPTION (continued)

SECTION 2: LPC MISSION STATEMENT AND LPC PLANNING PRIORITIES

LPC MISSION STATEMENT:

Las Positas College provides an inclusive, learning-centered, equity-focused environment that offers educational opportunities and support for completion of students' transfer, degree, and career-technical goals while promoting life-long learning.

LPC PLANNING PRIORITIES:

- ❖ Implement the integration of all ACCJC standards throughout campus structure and processes.
- ❖ Establish a knowledge base and an appreciation for equity; create a sense of urgency about moving toward equity; institutionalize equity in decision-making, assessment, and accountability; and build capacity to resolve inequities.
- ❖ Increase student success and completion through change in college practices and processes: coordinating needed academic support, removing barriers, and supporting focused professional development across the campus.

Specify how the equipment supports *LPC's Mission Statement and Planning Priorities*:

See Attached:

APPENDIX A

B.

SECTION 2: LPC MISSION STATEMENT AND LPC PLANNING PRIORITIES

SECTION 3: EDUCATIONAL ITEMS – PROGRAM REVIEW

Specify the educational programs this equipment supports:

See Attached:

APPENDIX A

C.

SECTION 3: EDUCATIONAL ITEMS – PROGRAM REVIEW

Will this equipment be a part of your upcoming Program Review or was it included last year? Please explain using the exact words from your Program Review. If not, explain why.

See Attached:

APPENDIX A

D.

SECTION 3: PROGRAM REVIEW

SECTION 4: TEACHING AND LEARNING

In detail describe evidence and data that equipment provides much needed benefit and enhancement to teaching beyond current capabilities.

See Attached:

APPENDIX A

E.

SECTION 4: TEACHING AND LEARNING

Describe in detail the impact this equipment will have on learning:

See Attached:

APPENDIX A

F.

SECTION 4: TEACHING AND LEARNING

Each academic year, this equipment will impact: 9 # of classes/sections # of students
280 _____

SECTION 5: OUTCOMES (SLOs)

Using your documented SLOs, specify how the equipment will enable student learning outcomes to be achieved beyond current capability.

See Attached:

APPENDIX A G.

SECTION 5: OUTCOMES (SLOs)

SECTION 6: TOTAL COST OF OWNERSHIP (FINANCIAL & SUSTAINABILITY)

What is the potential life span of the requested equipment?

The anticipated lifespan of this equipment is seven (7) to ten (10) years and potentially greater with improvements and advancement in AR technology and the development of the training platform and its capabilities.

If new storage is needed what are the storage requirements, location requirements, and costs associated with the new equipment: (NOTE: Specific storage costs should be detailed in the "Part A: Initial Start-up Costs" section below.)

Not applicable.

If this equipment replaces old equipment but the old equipment will not be retired, are there on-going storage requirements, location requirements, and costs associated with the old equipment? If so, provide details.

Not applicable.

What will be required to maintain the equipment, such as regular servicing or upkeep? (Specific on-going costs should be detailed in the “Part B: On-Going Annual Operating Costs” sections below as applicable.)

The PerSim medical training system is comprised with the inclusion of software and feature developments. The daily maintenance and cleaning the system equipment after each use and storing the system in its protective case will be provided by the Program Director and Clinical Skills Instructors. Software updates are easily completed via the internet.

Explain how this equipment meets or exceeds basic sustainability efforts and/or provides renewable resources to the college:

Since the college does not currently have similar innovative equipment, it provides the foundation for renewable resources within the Paramedic Program. This piece of equipment is non-toxic and is easily maintained. It does not create trash and is recycled in its use over time; meaning it can be reused by students repeatedly for seven (7) to ten (10) years, serving thousands of students. As for basic sustainability, this piece of equipment would not only sustain our CAAHEP Paramedic Training Program accreditation requirements for high fidelity training, but also keep us from the necessity of seeking out alternative(s) resources for high fidelity and/ or live training that may be and could potentially become costly to the College.

This piece of equipment is not just a resource for our institution; it is a resource for the District, as well as the community we serve.

Part A: Initial Start-up Costs

<u>Item</u>	<u>Cost</u>	<u>Comments</u>
Equipment or Materials	34995.00	
Taxes (9.5%)	3586.99	
Shipping or Delivery Charge	0.00	
Installation Costs *	0.00	
Miscellaneous Costs:	0.00	
Facilities Modifications		
Operator Training		
Maintenance & Repair Training		
Storage		
Other:		
Vendor Discount		
Grand Total:	38581.99	

Part B: On-Going Annual Operating Costs

<u>Item</u>	<u>Cost</u>	<u>Comments</u>
Annual Service or Maintenance		
Estimated Parts Replacement Per Year		
Outside Standardization or Calibration Costs		
Storage Costs		
New Supply Costs		
Maintenance & Repair Labor		
Licensing or Software		
Other: _____		
Annual Operating Costs:	0	

Indicate the source of funding for on-going annual operating costs:

Should on-going funding or an operational cost occur, the Public Safety EMS Program receives funding from Community Education revenues produced. Additionally, an incidence of cost would be considered for payment from existing medical training equipment maintenance budget.

Part C: Incremental Labor Costs

OPERATOR:

Indicate the key operator: Amelia Blackshear, Program Director

Is this in their current scope of duties? Yes

Indicate cost to train key operator (include in Initial Start-up Costs above): 0

Indicate amount of time per month key operator will use equipment: 8-24 hours a week

MAINTENANCE & REPAIRS:

Indicate the person performing maintenance and repairs: Amelia Blackshear

Is this in their current scope of duties? Yes

Indicate cost to train for maintenance and repairs: 0


Indicate amount of time per month maintenance will be required: After each use, 1 hour

SIGNATURE APPROVALS

Funded requesters will be expected to respond to a brief RAC feedback survey by a requested deadline.

- *Requests for computer-related equipment and printers will be reviewed by the LPC IT Department.*

REQUESTOR



Date 9/20

DIVISION DEAN/MANAGER



Date 9/22/21

ADMIN SERVICES, VP



Date

Admin Services will route as needed

IT MANAGER

M&O DIRECTOR

[Empty box]

Date

[Empty box]

Date

IER 2021-2022 PATH: PerSim

APPENDIX A

A.

SECTION 1: EQUIPMENT DESCRIPTION (continued)

If applicable, describe the legal requirement, mandate, or safety concern for purchase of this equipment, making specific reference to the legal requirement or regulation:

The California Code of Regulations (CCR) Title 22 - Section 100152 - Hospital Clinical Education and Training for Paramedics requires that Paramedic students must spend eight (8) hours within labor and delivery in order to satisfy part of the ninety-four (94) hours of clinical training, which includes an additional sixteen (16) hours of Neonatal Intensive care training.

The Commission on Accreditation of Allied Health Education Programs (CAAHEP) is the LPC Paramedic Training Program accrediting authority, upon the recommendation of the Committee on Accreditation of Educational Programs for the Emergency Medical Services Professions (CoAEMSP). These accreditation Standards and Guidelines are the minimum standards of quality used in accrediting programs that prepare individuals to enter the Emergency Medical Services professions. The CoAEMSP Standards and Guidelines for the Accreditation of Educational Programs in the Emergency Medical Services Professions (2015)

“The clinical/field experience/internship resources must ensure exposure to, and assessment and management of the following patients and conditions: adult trauma and medical emergencies; airway management to include endotracheal intubation; obstetrics to include obstetric patients with delivery and neonatal assessment and care; pediatric trauma and medical emergencies including assessment and management; and geriatric trauma and medical emergencies.”

B.

SECTION 2: LPC MISSION STATEMENT AND LPC PLANNING PRIORITIES

Specify how the equipment supports LPC’s Mission Statement and Planning Priorities:

Mission Statement:

Las Positas College is an inclusive learning-centered institution providing educational opportunities and support for completion of students' transfer, degree, basic skills, career-technical, and retraining goals.

Affording LPC students access to innovative and realistic simulation training with PerSim Pro medical training equipment and technology supports LPC’s Mission Statement in providing an inclusive-learning centered institution that provides educational opportunities that not only support the completion of student transfer degree, basic skills, career technical, and retraining goals, but also through ensuring opportunities for our students to learn their field of study beyond the psychomotor skill and develop their critical thinking skills necessary in the job market and chosen careers. Medical simulation has emerged as a critical tool transforming novice students into skilled clinicians.

Standard I: Mission, Academic Quality, and Institutional Effectiveness, and Integrity

Utilization of the PerSim Pro medical training equipment and technology supports LPC Planning Priorities by illustrating the institution ensures that its commitments to high quality education, student achievement and student learning are paramount. Replicating a clinical encounter in medical simulation often involves the overuse of verbal cueing, confusing replicas of human patients, and underuse of basic skills such as observation and critical thinking. PerSim replicates complex disease conditions that are otherwise impossible to create in real-time and on-demand situations with mannequins. While most medical simulation companies tackle fidelity and realism, Med Cognition chose to use their varied medical backgrounds from working the frontlines of healthcare to think about how clinical decisions are made; asking the simple question, 'How could we teach trainees to understand their clinical decision-making better?'

Standard II: Student Learning Programs and Support Services

Use of PerSim Pro demonstrates the institution offers instructional programs, learning support services, and student support services aligned with its mission. The improved quality and realism of the simulations provided to our students in LPC's Programs would be conducted at contemporary levels of quality and rigor appropriate for higher education.

Standard III: Resources

PerSim's state-of-the-art technology exhibits the College effectively uses its human, physical, technology, and financial resources to achieve its mission and to improve academic quality and institutional effectiveness.

Specifically, in the area of resources, the commencement of PerSim to psychomotor skills training and critical thinking development at the College exemplifies the institution plans, acquires or builds, maintains, and upgrades or replaces its physical resources, including facilities, equipment, land, and other assets, in a manner that assures effective utilization and the continuing quality necessary to support its programs and services and achieve its mission.

With regard to technology resources, the College embodies the fact that technology services, professional support, facilities, hardware, and software are appropriate and adequate to support the institution's operational functions, academic programs, teaching and learning, and support services. Additionally, the precedent-setting addition of the use of PerSim in career technology Programs indicates the institution's continuous plans for, updates and replacement of technology to ensure its technological infrastructure, quality and capacity are adequate to support its mission, programs, and services.

Standard IV: Leadership and Governance

Through the Institutional Equipment Request (IER) process the institution recognizes and uses the contributions of leadership throughout the organization for promoting student success, sustaining academic quality, integrity, fiscal stability, and continuous improvement of the institution. The governance roles are defined in policy and are designed to facilitate decisions that support student learning programs and services and improve institutional effectiveness. Through established governance structures, processes, and practices, the governing board, administrators, faculty, staff, and students

work together for the good of the institution. Institutional leaders create and encourage innovation leading to institutional excellence. They support administrators, faculty, staff, and students, no matter what their official titles, in taking initiative for improving the practices, programs, and services in which they are involved.

C.

SECTION 3: EDUCATIONAL ITEMS – PROGRAM REVIEW

Specify the educational programs this equipment supports:

The PerSim Pro supports multiple educational programs including the Emergency Medical Services Programs:

- Emergency Medical Responder (EMR) Training and Certificate of Accomplishment, the Emergency Medical Technician (EMT) Training Certificate of Achievement, California state certification, and preparation to become a Nationally Registered Emergency Medical Technician (NREMT).
- The Emergency Medical Technician- Paramedic Training course completion certificate, Emergency Medical Services EMT-Paramedic - Certificate of Achievement, Emergency Medical Services EMT-Paramedic Associate of Science degree, California state certification and county licensure, and preparation to become a Nationally Registered Emergency Medical Technician (NREMT) Paramedic.
- Fire Service Technology Programs Fire Academy-Fire Suppression - Certificate of Achievement, and Fire Technology Associate of Science degree.

D.

SECTION 3: PROGRAM REVIEW

Will this equipment be a part of your upcoming Program Review or was it included last year? Please explain using the exact words from your Program Review. If not, explain why.

As I have recently been chosen as the Interim Paramedic Training Program Director and Emergency Medical Services Coordinator, Emergency Medical Services medical equipment and supplies are currently undergoing assessment, inventorying, and maintenance. As this process continues, it is inevitable and necessary for inclusion in the upcoming Program Review.

E.

SECTION 4: TEACHING AND LEARNING

In detail describe evidence and data that equipment provides much needed benefit and enhancement to teaching beyond current capabilities.

PerSim allows you to create dynamically realistic low frequency high risk events on demand. And it allows you to bring medical simulation to the work environment (aka In-Situ medical simulation training)

such as: ambulance, mock apartments, public spaces, mass casualty scenarios, and severe trauma models. In-Situ medical simulation allows EMS to better understand the limitations of their clinical work environment. Medical patient simulation improves medical provider skills, greatly enhancing patient safety. The PerSim medical training equipment and technology surpasses the capabilities and alleviates limitations of current traditional mannequins in use in our career technical training Programs. It provides intuitive depictions of clinical conditions: adult, pediatric, obstetric, and geriatric patients. PerSim is highly portable, has team training capability, is easy to use, can be utilized for medical, trauma, and HazMat training, multi-patient Training, is capable of over 10,000 case combinations, includes access to expanding content, and has a simple instructor interface. It also includes PerSim Baby at no additional cost.

F.

SECTION 4: TEACHING AND LEARNING

Describe in detail the impact this equipment will have on learning:

Awareness and understanding of one's thought process is called metacognition. The premise for utilizing PerSim Pro medical training and technology is to provide and deliver better clinical decision-making and to reduce medical error and save more lives. This is achieved through making clinical training intuitive. Intuitive clinical training makes learning to care for patients easier, safer, and more time-efficient. Med Cognition's AR training platform, PerSim, is the first-of-its-kind patient simulator specifically designed to help medical providers enhance critical thinking and mitigate potential mistakes. By leveraging the latest AR and holographic technology, PerSim represents a leap forward, allowing medical professionals to train for those vital times when performing their best makes a difference.

There is a phenomenon in healthcare that pre-existed the COVID-19 pandemic but may be more pressing than ever after training institutions shuttered for nearly a year in 2020. Emerging from a global public health crisis, healthcare institutions' use of medical simulation has grown as a tool to help bridge the gap in workforce preparedness. Augmented reality is a technology finding its way to the fore of solving the paradox of medical training.

Our Brain Doesn't Tell the Difference Between Simulation and Reality. Skill Gym - Practice the Conversations That Matter. Published May 8, 2019. Accessed September 14, 2021.
<https://www.skillgym.com/2019/05/our-brain-doesnt-tell-the-difference-between-simulation-and-reality/>

G.

SECTION 5: OUTCOMES (SLOs)

Using your documented SLOs, specify how the equipment will enable student learning outcomes to be achieved beyond current capability.

The PerSim Pro medical training equipment and technology will enhance our ability to more realistically provide career technology patient care training and critical thinking in the following Program area PLOs as well as Program course SLOs:

Emergency Medical Services

Emergency Medical Responder - Certificate of Accomplishment

- Upon completion of the Certificate of Accomplishment in Emergency Medical Responder, students are able to competent as an entry-level Emergency Medical Responder in the cognitive (knowledge), psychomotor (skills), and affective (behavior) learning domains with exit points at the Emergency Medical Responder levels and certified to provide Basic Life Support CPR.
- Upon completion of the Certificate of Accomplishment in Emergency Medical Responder, students are competent and prepared for employment as a Lifeguard, Police Officer, and/or Search and Rescue Squad member.

Emergency Medical Services EMT-Paramedic – AS

- Upon completion of the AS in Emergency Medical Services EMT-Paramedic, students are prepared as a competent entry-level Paramedics in the affective (behavior) learning domain
- Upon completion of the AS in Emergency Medical Services EMT-Paramedic, students are prepared as a competent entry-level Paramedics in the cognitive (knowledge) learning domain
- Upon completion of the AS in Emergency Medical Services EMT-Paramedic, students are prepared as a competent entry-level Paramedics in the psychomotor (skills) learning domain
- Upon completion of the AS in Emergency Medical Services EMT-Paramedic, students are prepared to become a Nationally Registered Paramedic (NRP).

Emergency Medical Services EMT-Paramedic - Certificate of Achievement

- Upon completion of the Certificate of Achievement in Emergency Medical Services EMT-Paramedic, students are prepared as a competent entry-level Paramedics in the affective (behavior) learning domain
- Upon completion of the Certificate of Achievement in Emergency Medical Services EMT-Paramedic, students are prepared as a competent entry-level Paramedics in the psychomotor (skills) learning domain
- Upon completion of the Certificate of Achievement in Emergency Medical Services EMT-Paramedic, students are prepared to become a Nationally Registered Paramedic (NRP).
- Upon completion of the Certificate of Achievement in Emergency Medical Services EMT-Paramedics, students are prepared as a competent entry-level Paramedics in the cognitive (knowledge) learning domain

Emergency Medical Technologies- Certificate of Achievement

- Upon completion of the Certificate of Achievement in Emergency Medical Technologies, students are able to function at the California State certified level of EMT.
- Upon completion of the Certificate of Achievement in Emergency Medical Technologies, students are prepared to become a Nationally Registered Emergency Medical Technician (NREMT).

Fire Service Technology

Fire Academy-Fire Suppression - Certificate of Achievement

- Upon completion of the Certificate of Achievement in Fire Academy-Fire Suppression, students are able to demonstrate the proper use of equipment, tools, skills and abilities required of an entry-level firefighter. and how they apply to different municipalities.

Fire Service Technology – AS

- Upon completion of the AS in Fire Service Technology, students are able to analyze and apply measures to resolve problems in areas of suppression, prevention, and EMS.
- Upon completion of the AS in Fire Service Technology, students are able to demonstrate technical, cognitive, and psycho-motor skills necessary to achieve and maintain employment in the fire service.
- Upon completion of the AS in Fire Service Technology, students are able to gain knowledge safety, rescue, emergency medical operations and hazardous materials.

Fire Service Technology - Certificate of Achievement

- Upon completion of the Fire Service Technology Certificate of Achievement, students are able to analyze and apply measures to resolve problems in areas of suppression, prevention, and EMS.
- Upon completion of the Fire Service Technology Certificate of Achievement, students are able to demonstrate technical, cognitive, and psycho-motor skills necessary to achieve and maintain employment in the fire service. within the Fire Technology field.

Emergency Medical Services CSLO

EMS10 - Paramedic Theory 1

- Upon completion of EMS 10, the student will be able to assess and discuss respiratory emergencies, and utilize airway tools to treat patients.
- Upon completion of EMS 10, the student will be able to discuss the physiology and pathophysiology of emergent medical illnesses and traumatic injuries.

EMS11 - Paramedic Theory 2

- Upon completion of EMS 11, the student will be able to formulate a differential diagnosis of the emergency syndromes when evaluating a pediatric patient with shortness of breath.
- Upon completion of EMS 11, the student will be able to perform the correct emergency medical treatment for the condition observed when presented with a clinical condition identified by a 12-lead electrocardiogram.
- Upon completion of EMS 11, the student will be able to read and interpret a 12-lead electrocardiogram in order to describe a syndrome under the

umbrella of Acute Coronary Syndromes.

EMS12 - Paramedic Laboratory 1

- Upon completion of EMS 12, the student will be able to demonstrate the psychomotor skills related to medication administration, patient assessment, and airway management.
- Upon completion of EMS 12, the student will be able to demonstrate the successful insertion of an endotracheal tube into a simulated trachea.
- Upon completion of EMS 12, the student will be able to demonstrate the successful insertion of an intravenous catheter into a simulated vein.
- Upon completion of EMS 12, the student will be able to use a variety of skills from their completed portfolio to assess a patient and carry out appropriate treatment.

EMS13 - Paramedic Laboratory 2

- Upon completion of EMS 13, the student will be able to manage and treat a pediatric patient in cardiac arrest using the standards of the American Heart Association Pediatric Advanced Life Support protocols.
- Upon completion of EMS 13, the student will be able to manage and treat an adult patient in cardiac arrest using the standards of the American Heart Association Advanced Cardiac Life Support protocols.
- Upon completion of EMS 13, the student will be able to properly identify a simulated dynamic and static electrocardiographic rhythm on a 4-lead ECG monitor and treat the syndrome signified by the ECG tracing.

EMS16 - Paramedic Clinical Occupation

- Upon completion of EMS 16, the student will be able to administer prehospital medications to the patient via the intramuscular route, intravenous route, nebulized route, and subcutaneous route.
- Upon completion of EMS 16, the student will be able to deliver a patient care report to a physician, registered nurse, or paramedic that is accurate and describes the care delivered by the student.
- Upon completion of EMS 16, the student will be able to perform a physical examination on a live patient with their consent and identify immediate life-threatening conditions that need to be treated.

EMS17 - Paramedic Capstone Occupation

- Upon completion of EMS 17, the student will be able to choose the appropriate medication or treatment method medically indicated for the prehospital emergency encountered.
- Upon completion of EMS 17, the student will demonstrate the ability to manage an emergency in the out-of-hospital setting by directing the resources of the local fire department and support personnel from the ambulance provider.

EMS20 - Emergency Medical Technician

- Upon completion of EMS 20, the student will be able to demonstrate proficiency in the psychomotor skills required in their scope of practice.
- Upon completion of EMS 20, the student will be able to discuss the physiology and pathophysiology of emergent medical illnesses and traumatic injuries within their scope of practice.

EMS30 - Emergency Medical Responder

- Upon completion of EMS 30, the student will be able to implement treatment at the scope of practice of Emergency Medical Responder.
- Upon completion of EMS 30, the student will be able to recognize emergency medical illnesses and traumatic injuries.

EMS70 - CPR for Health Care Providers

- Upon completion of EMS 70, the student shall be able to perform the CPR skills required for a Health Care Provider according to the standards of the American Heart Association

EMS91 - Emergency Med. Tech- Refresher

- Upon completion of EMS 91, the student will be able to demonstrate continued proficiency in the psychomotor skills required in their scope of practice.

Lilian Tish
Resource Allocation Committee Chair
Las Positas College
3000 Campus Hill Drive
Livermore, CA 94551

Sept 07, 2021

Dear Resource Allocation Committee,

I would like to submit my professional opinion and wholehearted recommendation for the purchase of the PerSim Pro for the Las Positas College (LPC) Emergency Medical Services (EMS) Training Programs: Emergency Medical Responder (EMR), Emergency Medical Technician (EMT) and Emergency Medical Technician-Paramedic (Paramedic). Training programs around the country use simulation to assist in clinical skills hands-on training to provide, support, and achieve multiple course instructional requirements. These training mandates encompass the necessity for students to participate in numerous scenarios for patient assessment, obtaining patient medical and event histories, performing patient assessments, providing patient treatments, and determining appropriate facility transport. The patients our career technical students encounter in the field include critical medical (airway and respiratory, cardiovascular, neurological, epidemiological, immunological, infectious, endocrine, psychiatric, toxicological, hematological, genitourinary, gynecological, including obstetric and neonatal) and traumatic emergencies.

The medical training equipment and technology of PerSim Pro works with Augmented Reality (AR). PerSim allows over 10,000 different scenarios and includes the ability to have male/ female patients, patients of color, and newborn, infant, child, adult, and geriatric patients. As an example, PerSim replicates complex disease conditions that are otherwise impossible to create in real-time and on-demand situations with mannequins, other AR systems, or even virtual reality (VR) systems. For example, in respiratory distress simulations, the healthcare simulator slowly increases the respiratory rate. It engages accessory muscles realistically to demonstrate an increased effort to breathe, and the instructor can modify the sim patient's condition based on the trainee's management choices. The system has the capability to have at up to four (4) student caregivers participate in the same scenario at one (1) time and allows the training experience to be streamed for others (students) to observe the scenario in real time. PerSim is also much more portable than a traditional high-fidelity Laerdal mannequin. This portability allows the PerSim Pro to be used in-situ—at call scenes both indoors and outdoors, and in the ambulance.

Possessing AR simulation medical training equipment and technology strengthens the instructional capabilities of our educators and facilitates the development of our student's knowledge and skills. Trainees are challenged to use critical thinking skills and exercise the art of rapid visual assessment to determine PerSim's condition. Making decisions in a 'safe to fail' environment repeatedly and using a tool that sharpens a

trainee's clinical skills of assessment is at the heart of medically intuitive simulation training. LPC Students receive realistic training and experience varied patient presentations during simulation lab time, resulting in better prepared graduates and the development of critical thinking abilities in professional practice. The College would manifest innovative career technical training resources for students and the community.

In recent years, with diminishing resources, EMS Paramedic students are denied opportunities to observe certain categories/ types of live patients (i.e. childbirth) due to hospital regulations, denial of permission by mother or father, and/ or lack of preceptors within the clinical setting to adequately monitor and train paramedics.

There is a phenomenon in healthcare that pre-existed the COVID-19 pandemic but may be more pressing than ever after training institutions shuttered for nearly a year in 2020. Emerging from a global public health crisis, healthcare institutions' use of medical simulation has grown as a tool to help bridge the gap in workforce preparedness. Augmented reality is a technology finding its way to the fore of solving the paradox of medical training. Fortunately, in the absence of actual hands-on training with live patients, simulation has been shown to be effective in teaching the student the requisite psychomotor skills that would have been imparted in live training. Simulations are known to help speed up cognitive processes, which are the mental processes that enable people to stock and use information and knowledge; but they also speed up the practical learning of skills and behaviors.

Please approve the purchase of PerSim Pro; vital, relevant, and innovative medical training equipment and technology.

Sincerely,



Herbert Eugene Hern, Jr. MD, MS
EMS Physician
Associate Clinical Professor, UCSF
Medical Director, Las Positas College Paramedic Program



INTRODUCING PERSIM

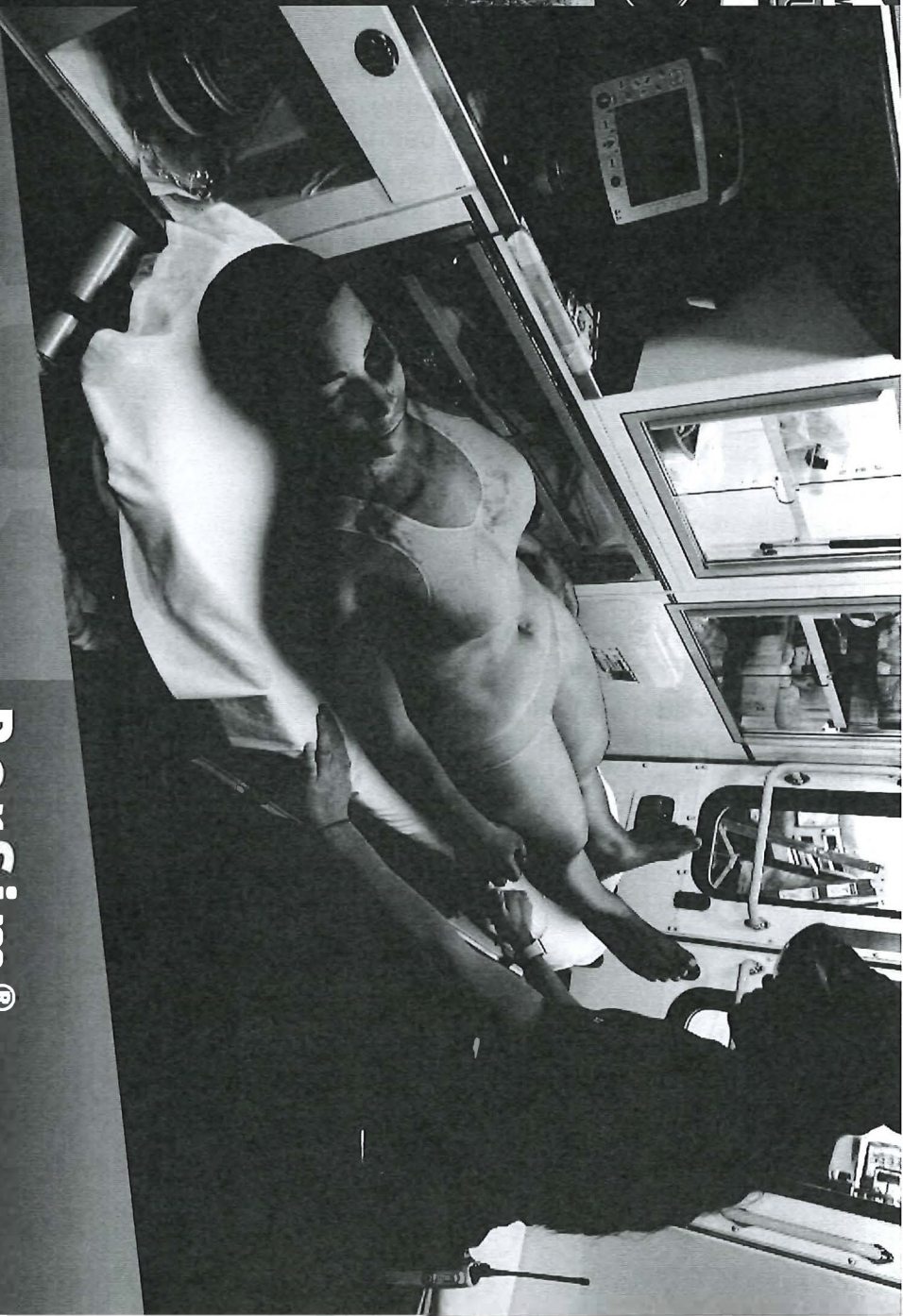
The holographic patient made to help the frontlines of healthcare save more lives.

- *Affordable*
- *Portable*
- *Realistic*
- *Clinically Intuitive*

BRINGING MEDICAL SIMULATION TRAINING TO YOU THROUGH AUGMENTED REALITY

Persim leverages Microsoft HoloLens® holographic, mixed-reality to project life-like patient simulations into your actual work environment. With Persim, you can provide medical simulation training in the settings where frontline healthcare professionals actually provide life-saving care.

Use in classrooms and beyond, Persim empowers trainees to practice caring for patients with the tools and in the environments you actually deliver care.



MedCognition

CONTACT US FOR MORE INFORMATION

-  www.medcognition.com
-  info@medcognition.com
-  (210) 960-0930
-  @MedCognition
-  @MedCognition
-  @MedCognition-Inc.

Persim®

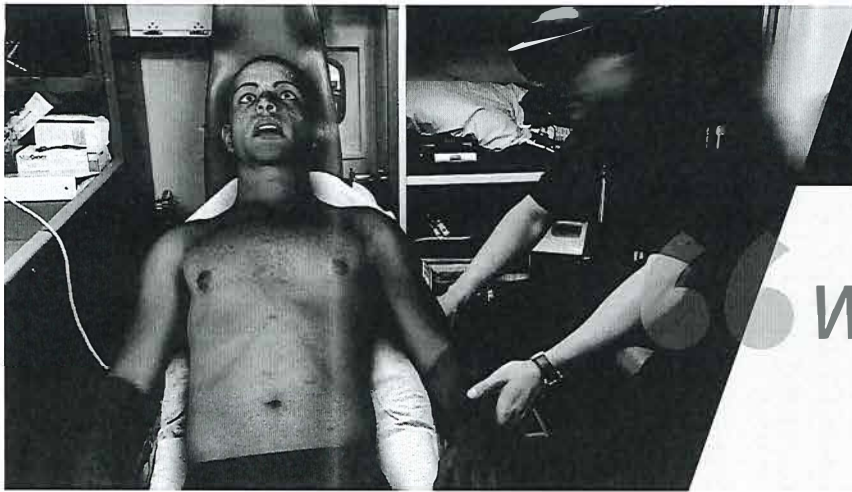
Medical Simulation Transformed.

AFFORDABLE, PORTABLE, REALISTIC.

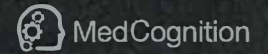
Persim is a holographic patient made to help you save more lives.



MedCognition

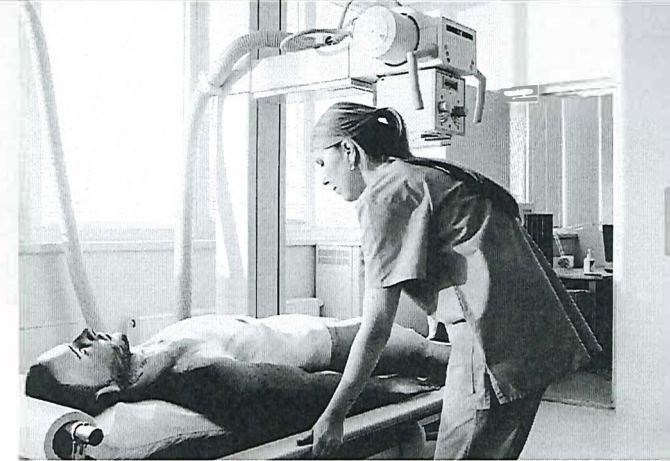


You live to save lives, we live to help you train for it.



Wow...just wow!

- Shannon Toohey, MD



THE FRONTLINE OF HEALTHCARE DESERVE BETTER SIMULATION TRAINING

- *Medical simulation-based training improves medical provider skills, enhancing patient safety.*
- *Healthcare personnel and first responders, such as firefighters and police, have poor access to simulation.*
- *Too many healthcare professionals can not access simulation in their work environment due to the poor portability and user experience of existing technology.*
- *Current simulation technology is just not realistic, decreasing its efficacy.*

PERSIM® FEATURES

- *Lightweight, battery-operated, and portable. Weighs less than 35 lbs and can be used almost anywhere: indoors, outdoors, or in vehicles.*
- *Highly realistic and clinically intuitive depictions of patient conditions like diaphoresis (sweating), seizures, respiratory distress, stroke, and much more.*
- *Affordable - costs a fraction of mechanical simulators.*
- *Simple instructor interface. Easy to use. No programming required.*
- *Quick learning curve. Create a scenario or case and get the system running in less than 45 minutes.*

ABOUT US

The founders of MedCognition thought the limitations of current simulation technology were a rate-limiting step to saving more lives in healthcare. We took action to overcome the barriers to the use of medical simulation in healthcare.



We use Microsoft HoloLens® to bring our simulations to the training field. Designed from the outset for industrial use, the HoloLens® is a durable, comfortable device designed for hours-long use.

WE HAVE ONE FOCUS

Bringing Affordable, Portable, Realistic, Patient Simulation to Prehospital Professionals.



MedCognition

To Whom it may concern,

MedCognition, Inc. is the sole, world-wide intellectual property licensee for all the copyright and intellectual property related to PerSim®. As a result, we are the **SOLE SOURCE PROVIDER** of this technology that uses augmented reality technology to project highly realistic 3D images of simulated patients into virtually any environment. Additionally, we are unaware of any other augmented reality medical patient simulator on the market today including Pearson, I-Simulate, VES (VR Patient), etc., that allows an instructor to control or modify all aspects of the patient simulations in real-time instead of a tightly scripted, inflexible video game format.

Specifically, the unique features MedCognition's PerSim system offers but are not limited to:

- Allows instructors to access different patient demographic groups
- Dynamic patient assessment, not specific scenarios that cannot be modified
- Real-time control over patient vital signs
- Real-time patient monitor display
- Real-time control over customizable scenarios
- No pre-scripted, pre-formatted scenarios
- Allows instructors to evaluate and log student performance
- Real-time control over patient vital signs and skin appearance
- Dynamic scenario creation and assessment management
- Portability – no other system allows for impromptu simulation training in any location or environment.

Rather than using a bulky, expensive plastic mannequin for medical training, our proprietary, copyrighted and patent pending technology permits us to project highly realistic depictions of patients into virtually any environment. It is controlled, real-time, by an instructor using our software and all fits into a portable case permitting easy transport to any learning or teaching environment. Rather than be told that a patient is breathing hard, sweating or is turning blue, our technology allows the student to see these states, observe any changes and develop critical decision-making skills foundational to clinical practice.

We look forward to working with you to bring the next generation of medical simulation technology to your institution. If you have any questions, please do not hesitate to contact me.

Kevin King, MD
CEO, MedCognition
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Request for Taxpayer Identification Number and Certification

**Give Form to the
requester. Do not
send to the IRS.**

▶ Go to www.irs.gov/FormW9 for instructions and the latest information.

Print or type. See Specific Instructions on page 3.	<p>1 Name (as shown on your income tax return). Name is required on this line; do not leave this line blank. MedCognition Inc.</p> <p>2 Business name/disregarded entity name, if different from above</p>	
	<p>3 Check appropriate box for federal tax classification of the person whose name is entered on line 1. Check only one of the following seven boxes.</p> <p><input type="checkbox"/> Individual/sole proprietor or single-member LLC</p> <p><input checked="" type="checkbox"/> C Corporation <input type="checkbox"/> S Corporation <input type="checkbox"/> Partnership <input type="checkbox"/> Trust/estate</p> <p><input type="checkbox"/> Limited liability company. Enter the tax classification (C=C corporation, S=S corporation, P=Partnership) ▶ _____</p> <p>Note: Check the appropriate box in the line above for the tax classification of the single-member owner. Do not check LLC if the LLC is classified as a single-member LLC that is disregarded from the owner unless the owner of the LLC is another LLC that is not disregarded from the owner for U.S. federal tax purposes. Otherwise, a single-member LLC that is disregarded from the owner should check the appropriate box for the tax classification of its owner.</p> <p><input type="checkbox"/> Other (see instructions) ▶ _____</p>	<p>4 Exemptions (codes apply only to certain entities, not individuals; see instructions on page 3):</p> <p>Exempt payee code (if any) _____</p> <p>Exemption from FATCA reporting code (if any) _____</p> <p><small>(Applies to accounts maintained outside the U.S.)</small></p>
	<p>5 Address (number, street, and apt. or suite no.) See instructions. 21750 Hardy Oak Blvd, Suite 104 #24426</p> <p>6 City, state, and ZIP code San Antonio, TX 78258</p> <p>7 List account number(s) here (optional)</p>	<p>Requester's name and address (optional)</p>

Part I Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. The TIN provided must match the name given on line 1 to avoid backup withholding. For individuals, this is generally your social security number (SSN). However, for a resident alien, sole proprietor, or disregarded entity, see the instructions for Part I, later. For other entities, it is your employer identification number (EIN). If you do not have a number, see *How to get a TIN*, later.

Note: If the account is in more than one name, see the instructions for line 1. Also see *What Name and Number To Give the Requester* for guidelines on whose number to enter.

Social security number										
-				-						
or										
Employer identification number										
8	2		-	1	1	8	1	2	7	8

Part II Certification

Under penalties of perjury, I certify that:

- The number shown on this form is my correct taxpayer identification number (or I am waiting for a number to be issued to me); and
- I am not subject to backup withholding because: (a) I am exempt from backup withholding, or (b) I have not been notified by the Internal Revenue Service (IRS) that I am subject to backup withholding as a result of a failure to report all interest or dividends, or (c) the IRS has notified me that I am no longer subject to backup withholding; and
- I am a U.S. citizen or other U.S. person (defined below); and
- The FATCA code(s) entered on this form (if any) indicating that I am exempt from FATCA reporting is correct.

Certification instructions. You must cross out item 2 above if you have been notified by the IRS that you are currently subject to backup withholding because you have failed to report all interest and dividends on your tax return. For real estate transactions, item 2 does not apply. For mortgage interest paid, acquisition or abandonment of secured property, cancellation of debt, contributions to an individual retirement arrangement (IRA), and generally, payments other than interest and dividends, you are not required to sign the certification, but you must provide your correct TIN. See the instructions for Part II, later.

Sign Here	Signature of U.S. person ▶	Date ▶
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General Instructions

Section references are to the Internal Revenue Code unless otherwise noted.

Future developments. For the latest information about developments related to Form W-9 and its instructions, such as legislation enacted after they were published, go to www.irs.gov/FormW9.

Purpose of Form

An individual or entity (Form W-9 requester) who is required to file an information return with the IRS must obtain your correct taxpayer identification number (TIN) which may be your social security number (SSN), individual taxpayer identification number (ITIN), adoption taxpayer identification number (ATIN), or employer identification number (EIN), to report on an information return the amount paid to you, or other amount reportable on an information return. Examples of information returns include, but are not limited to, the following.

- Form 1099-INT (interest earned or paid)
- Form 1099-DIV (dividends, including those from stocks or mutual funds)
- Form 1099-MISC (various types of income, prizes, awards, or gross proceeds)
- Form 1099-B (stock or mutual fund sales and certain other transactions by brokers)
- Form 1099-S (proceeds from real estate transactions)
- Form 1099-K (merchant card and third party network transactions)
- Form 1098 (home mortgage interest), 1098-E (student loan interest), 1098-T (tuition)
- Form 1099-C (canceled debt)
- Form 1099-A (acquisition or abandonment of secured property)

Use Form W-9 only if you are a U.S. person (including a resident alien), to provide your correct TIN.

If you do not return Form W-9 to the requester with a TIN, you might be subject to backup withholding. See What is backup withholding, later.

By signing the filled-out form, you:

1. Certify that the TIN you are giving is correct (or you are waiting for a number to be issued),
2. Certify that you are not subject to backup withholding, or
3. Claim exemption from backup withholding if you are a U.S. exempt payee. If applicable, you are also certifying that as a U.S. person, your allocable share of any partnership income from a U.S. trade or business is not subject to the withholding tax on foreign partners' share of effectively connected income, and
4. Certify that FATCA code(s) entered on this form (if any) indicating that you are exempt from the FATCA reporting, is correct. See *What is FATCA reporting*, later, for further information.

Note: If you are a U.S. person and a requester gives you a form other than Form W-9 to request your TIN, you must use the requester's form if it is substantially similar to this Form W-9.

Definition of a U.S. person. For federal tax purposes, you are considered a U.S. person if you are:

- An individual who is a U.S. citizen or U.S. resident alien;
- A partnership, corporation, company, or association created or organized in the United States or under the laws of the United States;
- An estate (other than a foreign estate); or
- A domestic trust (as defined in Regulations section 301.7701-7).

Special rules for partnerships. Partnerships that conduct a trade or business in the United States are generally required to pay a withholding tax under section 1446 on any foreign partners' share of effectively connected taxable income from such business. Further, in certain cases where a Form W-9 has not been received, the rules under section 1446 require a partnership to presume that a partner is a foreign person, and pay the section 1446 withholding tax. Therefore, if you are a U.S. person that is a partner in a partnership conducting a trade or business in the United States, provide Form W-9 to the partnership to establish your U.S. status and avoid section 1446 withholding on your share of partnership income.

In the cases below, the following person must give Form W-9 to the partnership for purposes of establishing its U.S. status and avoiding withholding on its allocable share of net income from the partnership conducting a trade or business in the United States.

- In the case of a disregarded entity with a U.S. owner, the U.S. owner of the disregarded entity and not the entity;
- In the case of a grantor trust with a U.S. grantor or other U.S. owner, generally, the U.S. grantor or other U.S. owner of the grantor trust and not the trust; and
- In the case of a U.S. trust (other than a grantor trust), the U.S. trust (other than a grantor trust) and not the beneficiaries of the trust.

Foreign person. If you are a foreign person or the U.S. branch of a foreign bank that has elected to be treated as a U.S. person, do not use Form W-9. Instead, use the appropriate Form W-8 or Form 8233 (see Pub. 515, *Withholding of Tax on Nonresident Aliens and Foreign Entities*).

Nonresident alien who becomes a resident alien. Generally, only a nonresident alien individual may use the terms of a tax treaty to reduce or eliminate U.S. tax on certain types of income. However, most tax treaties contain a provision known as a "saving clause." Exceptions specified in the saving clause may permit an exemption from tax to continue for certain types of income even after the payee has otherwise become a U.S. resident alien for tax purposes.

If you are a U.S. resident alien who is relying on an exception contained in the saving clause of a tax treaty to claim an exemption from U.S. tax on certain types of income, you must attach a statement to Form W-9 that specifies the following five items.

1. The treaty country. Generally, this must be the same treaty under which you claimed exemption from tax as a nonresident alien.
2. The treaty article addressing the income.
3. The article number (or location) in the tax treaty that contains the saving clause and its exceptions.
4. The type and amount of income that qualifies for the exemption from tax.
5. Sufficient facts to justify the exemption from tax under the terms of the treaty article.

Example. Article 20 of the U.S.-China income tax treaty allows an exemption from tax for scholarship income received by a Chinese student temporarily present in the United States. Under U.S. law, this student will become a resident alien for tax purposes if his or her stay in the United States exceeds 5 calendar years. However, paragraph 2 of the first Protocol to the U.S.-China treaty (dated April 30, 1984) allows the provisions of Article 20 to continue to apply even after the Chinese student becomes a resident alien of the United States. A Chinese student who qualifies for this exception (under paragraph 2 of the first protocol) and is relying on this exception to claim an exemption from tax on his or her scholarship or fellowship income would attach to Form W-9 a statement that includes the information described above to support that exemption.

If you are a nonresident alien or a foreign entity, give the requester the appropriate completed Form W-8 or Form 8233.

Backup Withholding

What is backup withholding? Persons making certain payments to you must under certain conditions withhold and pay to the IRS 24% of such payments. This is called "backup withholding." Payments that may be subject to backup withholding include interest, tax-exempt interest, dividends, broker and barter exchange transactions, rents, royalties, nonemployee pay, payments made in settlement of payment card and third party network transactions, and certain payments from fishing boat operators. Real estate transactions are not subject to backup withholding.

You will not be subject to backup withholding on payments you receive if you give the requester your correct TIN, make the proper certifications, and report all your taxable interest and dividends on your tax return.

Payments you receive will be subject to backup withholding if:

1. You do not furnish your TIN to the requester,
2. You do not certify your TIN when required (see the instructions for Part II for details),
3. The IRS tells the requester that you furnished an incorrect TIN,
4. The IRS tells you that you are subject to backup withholding because you did not report all your interest and dividends on your tax return (for reportable interest and dividends only), or
5. You do not certify to the requester that you are not subject to backup withholding under 4 above (for reportable interest and dividend accounts opened after 1983 only).

Certain payees and payments are exempt from backup withholding. See *Exempt payee code*, later, and the separate Instructions for the Requester of Form W-9 for more information.

Also see *Special rules for partnerships*, earlier.

What is FATCA Reporting?

The Foreign Account Tax Compliance Act (FATCA) requires a participating foreign financial institution to report all United States account holders that are specified United States persons. Certain payees are exempt from FATCA reporting. See *Exemption from FATCA reporting code*, later, and the Instructions for the Requester of Form W-9 for more information.

Updating Your Information

You must provide updated information to any person to whom you claimed to be an exempt payee if you are no longer an exempt payee and anticipate receiving reportable payments in the future from this person. For example, you may need to provide updated information if you are a C corporation that elects to be an S corporation, or if you no longer are tax exempt. In addition, you must furnish a new Form W-9 if the name or TIN changes for the account; for example, if the grantor of a grantor trust dies.

Penalties

Failure to furnish TIN. If you fail to furnish your correct TIN to a requester, you are subject to a penalty of \$50 for each such failure unless your failure is due to reasonable cause and not to willful neglect.

Civil penalty for false information with respect to withholding. If you make a false statement with no reasonable basis that results in no backup withholding, you are subject to a \$500 penalty.

Criminal penalty for falsifying information. Willfully falsifying certifications or affirmations may subject you to criminal penalties including fines and/or imprisonment.

Misuse of TINs. If the requester discloses or uses TINs in violation of federal law, the requester may be subject to civil and criminal penalties.

Specific Instructions

Line 1

You must enter one of the following on this line; **do not** leave this line blank. The name should match the name on your tax return.

If this Form W-9 is for a joint account (other than an account maintained by a foreign financial institution (FFI)), list first, and then circle, the name of the person or entity whose number you entered in Part I of Form W-9. If you are providing Form W-9 to an FFI to document a joint account, each holder of the account that is a U.S. person must provide a Form W-9.

a. **Individual.** Generally, enter the name shown on your tax return. If you have changed your last name without informing the Social Security Administration (SSA) of the name change, enter your first name, the last name as shown on your social security card, and your new last name.

Note: ITIN applicant: Enter your individual name as it was entered on your Form W-7 application, line 1a. This should also be the same as the name you entered on the Form 1040/1040A/1040EZ you filed with your application.

b. **Sole proprietor or single-member LLC.** Enter your individual name as shown on your 1040/1040A/1040EZ on line 1. You may enter your business, trade, or "doing business as" (DBA) name on line 2.

c. **Partnership, LLC that is not a single-member LLC, C corporation, or S corporation.** Enter the entity's name as shown on the entity's tax return on line 1 and any business, trade, or DBA name on line 2.

d. **Other entities.** Enter your name as shown on required U.S. federal tax documents on line 1. This name should match the name shown on the charter or other legal document creating the entity. You may enter any business, trade, or DBA name on line 2.

e. **Disregarded entity.** For U.S. federal tax purposes, an entity that is disregarded as an entity separate from its owner is treated as a "disregarded entity." See Regulations section 301.7701-2(c)(2)(iii). Enter the owner's name on line 1. The name of the entity entered on line 1 should never be a disregarded entity. The name on line 1 should be the name shown on the income tax return on which the income should be reported. For example, if a foreign LLC that is treated as a disregarded entity for U.S. federal tax purposes has a single owner that is a U.S. person, the U.S. owner's name is required to be provided on line 1. If the direct owner of the entity is also a disregarded entity, enter the first owner that is not disregarded for federal tax purposes. Enter the disregarded entity's name on line 2, "Business name/disregarded entity name." If the owner of the disregarded entity is a foreign person, the owner must complete an appropriate Form W-8 instead of a Form W-9. This is the case even if the foreign person has a U.S. TIN.

Line 2

If you have a business name, trade name, DBA name, or disregarded entity name, you may enter it on line 2.

Line 3

Check the appropriate box on line 3 for the U.S. federal tax classification of the person whose name is entered on line 1. Check only one box on line 3.

IF the entity/person on line 1 is a(n) . . .	THEN check the box for . . .
• Corporation	Corporation
• Individual • Sole proprietorship, or • Single-member limited liability company (LLC) owned by an individual and disregarded for U.S. federal tax purposes.	Individual/sole proprietor or single-member LLC
• LLC treated as a partnership for U.S. federal tax purposes, • LLC that has filed Form 8832 or 2553 to be taxed as a corporation, or • LLC that is disregarded as an entity separate from its owner but the owner is another LLC that is not disregarded for U.S. federal tax purposes.	Limited liability company and enter the appropriate tax classification. (P= Partnership; C= C corporation; or S= S corporation)
• Partnership	Partnership
• Trust/estate	Trust/estate

Line 4, Exemptions

If you are exempt from backup withholding and/or FATCA reporting, enter in the appropriate space on line 4 any code(s) that may apply to you.

Exempt payee code.

- Generally, individuals (including sole proprietors) are not exempt from backup withholding.
- Except as provided below, corporations are exempt from backup withholding for certain payments, including interest and dividends.
- Corporations are not exempt from backup withholding for payments made in settlement of payment card or third party network transactions.
- Corporations are not exempt from backup withholding with respect to attorneys' fees or gross proceeds paid to attorneys, and corporations that provide medical or health care services are not exempt with respect to payments reportable on Form 1099-MISC.

The following codes identify payees that are exempt from backup withholding. Enter the appropriate code in the space in line 4.

- 1—An organization exempt from tax under section 501(a), any IRA, or a custodial account under section 403(b)(7) if the account satisfies the requirements of section 401(f)(2)
- 2—The United States or any of its agencies or instrumentalities
- 3—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities
- 4—A foreign government or any of its political subdivisions, agencies, or instrumentalities
- 5—A corporation
- 6—A dealer in securities or commodities required to register in the United States, the District of Columbia, or a U.S. commonwealth or possession
- 7—A futures commission merchant registered with the Commodity Futures Trading Commission
- 8—A real estate investment trust
- 9—An entity registered at all times during the tax year under the Investment Company Act of 1940
- 10—A common trust fund operated by a bank under section 584(a)
- 11—A financial institution
- 12—A middleman known in the investment community as a nominee or custodian
- 13—A trust exempt from tax under section 664 or described in section 4947

The following chart shows types of payments that may be exempt from backup withholding. The chart applies to the exempt payees listed above, 1 through 13.

IF the payment is for . . .	THEN the payment is exempt for . . .
Interest and dividend payments	All exempt payees except for 7
Broker transactions	Exempt payees 1 through 4 and 6 through 11 and all C corporations. S corporations must not enter an exempt payee code because they are exempt only for sales of noncovered securities acquired prior to 2012.
Barter exchange transactions and patronage dividends	Exempt payees 1 through 4
Payments over \$600 required to be reported and direct sales over \$5,000 ¹	Generally, exempt payees 1 through 5 ²
Payments made in settlement of payment card or third party network transactions	Exempt payees 1 through 4

¹ See Form 1099-MISC, Miscellaneous Income, and its instructions.

² However, the following payments made to a corporation and reportable on Form 1099-MISC are not exempt from backup withholding: medical and health care payments, attorneys' fees, gross proceeds paid to an attorney reportable under section 6045(f), and payments for services paid by a federal executive agency.

Exemption from FATCA reporting code. The following codes identify payees that are exempt from reporting under FATCA. These codes apply to persons submitting this form for accounts maintained outside of the United States by certain foreign financial institutions. Therefore, if you are only submitting this form for an account you hold in the United States, you may leave this field blank. Consult with the person requesting this form if you are uncertain if the financial institution is subject to these requirements. A requester may indicate that a code is not required by providing you with a Form W-9 with "Not Applicable" (or any similar indication) written or printed on the line for a FATCA exemption code.

A—An organization exempt from tax under section 501(a) or any individual retirement plan as defined in section 7701(a)(37)

B—The United States or any of its agencies or instrumentalities

C—A state, the District of Columbia, a U.S. commonwealth or possession, or any of their political subdivisions or instrumentalities

D—A corporation the stock of which is regularly traded on one or more established securities markets, as described in Regulations section 1.1472-1(c)(1)(i)

E—A corporation that is a member of the same expanded affiliated group as a corporation described in Regulations section 1.1472-1(c)(1)(i)

F—A dealer in securities, commodities, or derivative financial instruments (including notional principal contracts, futures, forwards, and options) that is registered as such under the laws of the United States or any state

G—A real estate investment trust

H—A regulated investment company as defined in section 851 or an entity registered at all times during the tax year under the Investment Company Act of 1940

I—A common trust fund as defined in section 584(a)

J—A bank as defined in section 581

K—A broker

L—A trust exempt from tax under section 664 or described in section 4947(a)(1)

M—A tax exempt trust under a section 403(b) plan or section 457(g) plan

Note: You may wish to consult with the financial institution requesting this form to determine whether the FATCA code and/or exempt payee code should be completed.

Line 5

Enter your address (number, street, and apartment or suite number). This is where the requester of this Form W-9 will mail your information returns. If this address differs from the one the requester already has on file, write NEW at the top. If a new address is provided, there is still a chance the old address will be used until the payor changes your address in their records.

Line 6

Enter your city, state, and ZIP code.

Part I. Taxpayer Identification Number (TIN)

Enter your TIN in the appropriate box. If you are a resident alien and you do not have and are not eligible to get an SSN, your TIN is your IRS individual taxpayer identification number (ITIN). Enter it in the social security number box. If you do not have an ITIN, see *How to get a TIN* below.

If you are a sole proprietor and you have an EIN, you may enter either your SSN or EIN.

If you are a single-member LLC that is disregarded as an entity separate from its owner, enter the owner's SSN (or EIN, if the owner has one). Do not enter the disregarded entity's EIN. If the LLC is classified as a corporation or partnership, enter the entity's EIN.

Note: See *What Name and Number To Give the Requester*, later, for further clarification of name and TIN combinations.

How to get a TIN. If you do not have a TIN, apply for one immediately. To apply for an SSN, get Form SS-5, Application for a Social Security Card, from your local SSA office or get this form online at www.SSA.gov. You may also get this form by calling 1-800-772-1213. Use Form W-7, Application for IRS Individual Taxpayer Identification Number, to apply for an ITIN, or Form SS-4, Application for Employer Identification Number, to apply for an EIN. You can apply for an EIN online by accessing the IRS website at www.irs.gov/Businesses and clicking on Employer Identification Number (EIN) under Starting a Business. Go to www.irs.gov/Forms to view, download, or print Form W-7 and/or Form SS-4. Or, you can go to www.irs.gov/OrderForms to place an order and have Form W-7 and/or SS-4 mailed to you within 10 business days.

If you are asked to complete Form W-9 but do not have a TIN, apply for a TIN and write "Applied For" in the space for the TIN, sign and date the form, and give it to the requester. For interest and dividend payments, and certain payments made with respect to readily tradable instruments, generally you will have 60 days to get a TIN and give it to the requester before you are subject to backup withholding on payments. The 60-day rule does not apply to other types of payments. You will be subject to backup withholding on all such payments until you provide your TIN to the requester.

Note: Entering "Applied For" means that you have already applied for a TIN or that you intend to apply for one soon.

Caution: A disregarded U.S. entity that has a foreign owner must use the appropriate Form W-8.

Part II. Certification

To establish to the withholding agent that you are a U.S. person, or resident alien, sign Form W-9. You may be requested to sign by the withholding agent even if item 1, 4, or 5 below indicates otherwise.

For a joint account, only the person whose TIN is shown in Part I should sign (when required). In the case of a disregarded entity, the person identified on line 1 must sign. Exempt payees, see *Exempt payee code*, earlier.

Signature requirements. Complete the certification as indicated in items 1 through 5 below.

1. Interest, dividend, and barter exchange accounts opened before 1984 and broker accounts considered active during 1983. You must give your correct TIN, but you do not have to sign the certification.

2. Interest, dividend, broker, and barter exchange accounts opened after 1983 and broker accounts considered inactive during 1983. You must sign the certification or backup withholding will apply. If you are subject to backup withholding and you are merely providing your correct TIN to the requester, you must cross out item 2 in the certification before signing the form.

3. Real estate transactions. You must sign the certification. You may cross out item 2 of the certification.

4. Other payments. You must give your correct TIN, but you do not have to sign the certification unless you have been notified that you have previously given an incorrect TIN. "Other payments" include payments made in the course of the requester's trade or business for rents, royalties, goods (other than bills for merchandise), medical and health care services (including payments to corporations), payments to a nonemployee for services, payments made in settlement of payment card and third party network transactions, payments to certain fishing boat crew members and fishermen, and gross proceeds paid to attorneys (including payments to corporations).

5. Mortgage interest paid by you, acquisition or abandonment of secured property, cancellation of debt, qualified tuition program payments (under section 529), ABLE accounts (under section 529A), IRA, Coverdell ESA, Archer MSA or HSA contributions or distributions, and pension distributions. You must give your correct TIN, but you do not have to sign the certification.

What Name and Number To Give the Requester

For this type of account:	Give name and SSN of:
1. Individual	The individual
2. Two or more individuals (joint account) other than an account maintained by an FFI	The actual owner of the account or, if combined funds, the first individual on the account ¹
3. Two or more U.S. persons (joint account maintained by an FFI)	Each holder of the account
4. Custodial account of a minor (Uniform Gift to Minors Act)	The minor ²
5. a. The usual revocable savings trust (grantor is also trustee)	The grantor-trustee ¹
b. So-called trust account that is not a legal or valid trust under state law	The actual owner ¹
6. Sole proprietorship or disregarded entity owned by an individual	The owner ³
7. Grantor trust filing under Optional Form 1099 Filing Method 1 (see Regulations section 1.671-4(b)(2)(i)(A))	The grantor ⁴

For this type of account:	Give name and EIN of:
8. Disregarded entity not owned by an individual	The owner
9. A valid trust, estate, or pension trust	Legal entity ⁴
10. Corporation or LLC electing corporate status on Form 8832 or Form 2553	The corporation
11. Association, club, religious, charitable, educational, or other tax-exempt organization	The organization
12. Partnership or multi-member LLC	The partnership
13. A broker or registered nominee	The broker or nominee

For this type of account:	Give name and EIN of:
14. Account with the Department of Agriculture in the name of a public entity (such as a state or local government, school district, or prison) that receives agricultural program payments	The public entity
15. Grantor trust filing under the Form 1041 Filing Method or the Optional Form 1099 Filing Method 2 (see Regulations section 1.671-4(b)(2)(i)(B))	The trust

¹ List first and circle the name of the person whose number you furnish. If only one person on a joint account has an SSN, that person's number must be furnished.

² Circle the minor's name and furnish the minor's SSN.

³ You must show your individual name and you may also enter your business or DBA name on the "Business name/disregarded entity" name line. You may use either your SSN or EIN (if you have one), but the IRS encourages you to use your SSN.

⁴ List first and circle the name of the trust, estate, or pension trust. (Do not furnish the TIN of the personal representative or trustee unless the legal entity itself is not designated in the account title.) Also see *Special rules for partnerships*, earlier.

*Note: The grantor also must provide a Form W-9 to trustee of trust.

Note: If no name is circled when more than one name is listed, the number will be considered to be that of the first name listed.

Secure Your Tax Records From Identity Theft

Identity theft occurs when someone uses your personal information such as your name, SSN, or other identifying information, without your permission, to commit fraud or other crimes. An identity thief may use your SSN to get a job or may file a tax return using your SSN to receive a refund.

To reduce your risk:

- Protect your SSN,
- Ensure your employer is protecting your SSN, and
- Be careful when choosing a tax preparer.

If your tax records are affected by identity theft and you receive a notice from the IRS, respond right away to the name and phone number printed on the IRS notice or letter.

If your tax records are not currently affected by identity theft but you think you are at risk due to a lost or stolen purse or wallet, questionable credit card activity or credit report, contact the IRS Identity Theft Hotline at 1-800-908-4490 or submit Form 14039.

For more information, see Pub. 5027, Identity Theft Information for Taxpayers.

Victims of identity theft who are experiencing economic harm or a systemic problem, or are seeking help in resolving tax problems that have not been resolved through normal channels, may be eligible for Taxpayer Advocate Service (TAS) assistance. You can reach TAS by calling the TAS toll-free case intake line at 1-877-777-4778 or TTY/TDD 1-800-829-4059.

Protect yourself from suspicious emails or phishing schemes. Phishing is the creation and use of email and websites designed to mimic legitimate business emails and websites. The most common act is sending an email to a user falsely claiming to be an established legitimate enterprise in an attempt to scam the user into surrendering private information that will be used for identity theft.

The IRS does not initiate contacts with taxpayers via emails. Also, the IRS does not request personal detailed information through email or ask taxpayers for the PIN numbers, passwords, or similar secret access information for their credit card, bank, or other financial accounts.

If you receive an unsolicited email claiming to be from the IRS, forward this message to phishing@irs.gov. You may also report misuse of the IRS name, logo, or other IRS property to the Treasury Inspector General for Tax Administration (TIGTA) at 1-800-366-4484. You can forward suspicious emails to the Federal Trade Commission at spam@uce.gov or report them at www.ftc.gov/complaint. You can contact the FTC at www.ftc.gov/idtheft or 877-IDTHEFT (877-438-4338). If you have been the victim of identity theft, see www.IdentityTheft.gov and Pub. 5027.

Visit www.irs.gov/IdentityTheft to learn more about identity theft and how to reduce your risk.

Privacy Act Notice

Section 6109 of the Internal Revenue Code requires you to provide your correct TIN to persons (including federal agencies) who are required to file information returns with the IRS to report interest, dividends, or certain other income paid to you; mortgage interest you paid; the acquisition or abandonment of secured property; the cancellation of debt; or contributions you made to an IRA, Archer MSA, or HSA. The person collecting this form uses the information on the form to file information returns with the IRS, reporting the above information. Routine uses of this information include giving it to the Department of Justice for civil and criminal litigation and to cities, states, the District of Columbia, and U.S. commonwealths and possessions for use in administering their laws. The information also may be disclosed to other countries under a treaty, to federal and state agencies to enforce civil and criminal laws, or to federal law enforcement and intelligence agencies to combat terrorism. You must provide your TIN whether or not you are required to file a tax return. Under section 3406, payers must generally withhold a percentage of taxable interest, dividend, and certain other payments to a payee who does not give a TIN to the payer. Certain penalties may also apply for providing false or fraudulent information.

LAS POSITAS COLLEGE Equipment, Apparatus and Service Requisition

#R

FOR REIMBURSEMENT: List payee name & ssn. TAX ID#
 SUGGESTED VENDOR **MedCognition, Inc.**

FOR OFFICE USE ONLY

NAME OF STAFF MEMBER Amelia Blackshear	DATE WRITTEN 08-SEP-21	DATE REQUIRED 18-Jan-22	DIVISION/ DEPARTMENT PATH	For inventory purposes include room # where equipment will reside: 280 F	RETURN COPY of REQUISITION TO: Amelia Blackshear
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DESCRIPTION (PRODUCT, TYPE, SIZE, COLOR, STOCK NUMBER)	UNIT	QTY	UNIT PRICE	Air
PerSim Pro	ea	1	\$ 24,995.00	\$ 24,995.00
Microsoft Hololens 2 PerSim Base System Hololens Software Samsung Galaxy Tablet 10.1" x 2 Per	ea		\$ -	\$ -
Sim Base System Tablet Software Tablet case x 2 wireless Router 12A 6 Port USB Charger USB C	ea		\$	\$
to USB A Male Adapter Pelican 1620 Case Foam PerSim Plus Hololens Sysytems Software and:	ea		\$	\$
Dynamic ECG Training, 12 Lead EKG Trainer Membership< 10,000+ Simulation Case	ea		\$	\$
Combinations.	ea		\$	\$
Per Sim Additional Headset Per Som Additional Headset: 1 Additional Microsoft Hololens 2, Per Sim Hololens Software	ea	1	\$ 6000.00	\$ 6000.00
Concierge Delivery: MedCognition delivery specialist to site for one business day to train you and your staff how to use PerSim.	ea	1	\$ 4000.00	\$ 4000.00
	ea		\$	\$
	ea		\$	\$
Vendor Information/ Remit To: Deliver To, include room # Faculty Village 280 A				\$ -
MedCognition, Inc. Las Positas College				\$ -
21750 Hardy Oak Blvd, Suite 104 #24426 3000 Campus Hill Drive				\$ -
San Antonio, TX 78258 USA Livermore, CA 94551				\$ -
Comments: For questions regarding quote, Contact Bobby Sporman (Account Executive) at bobby.sporman@medcognition.com	Subtotal		34,995.00	\$ 34,995.00
	Tax		\$ 0.0950	\$ 3586.99
BT#	Shipping (if available):			

Original invoices and receipts must be attached for payment. Include current taxes unless incorporated in price. **TOTAL COST \$ 38,581.99**

ACCOUNT # _____
 FUND _____ ORG _____ ACCT _____ PROGRAM _____ Business Office _____

APPROVALS _____
 Supervisor/ Coordinator/ Director *Erick O. Bell*
 Dean/ VP/ President



MedCognition, Inc. Estimate

DATE	ESTIMATE #
9/3/2021	2020-181

MedCognition, Inc.
 21750 Hardy Oak Blvd, Suite 104 #24426
 San Antonio, TX 78258
 USA

BILL TO
Emergency Medical Services - Las Positas College Amelia Blackshear BA, EMT-P Interim Paramedic Program Director EMS Coordinator 3000 Campus Hill Drive TFV: 280 F Livermore, CA 94551

SHIP TO
Emergency Medical Services - Las Positas College Amelia Blackshear BA, EMT-P Interim Paramedic Program Director EMS Coordinator 3000 Campus Hill Drive TFV: 280 F Livermore, CA 94551 ablackshear@laspositascollege.edu 925-785-4566

Item	Description	Qty	Rate	Amt
PerSim® Pro	Microsoft HoloLens 2 PerSim® Base System HoloLens Software Samsung Galaxy Tablet 10.1" x 2 PerSim® Base System Tablet Software Tablet Case x 2 Wireless Router 12A 6-Port USB Charger USB C to USB A Male Adapter Pelican 1620 Case Custom Case Foam PerSim Plus HoloLens Systems Software and; Dynamic ECG Training, 12 Lead EKG Trainer Membership, 10,000+ Simulation Case Combinations	1	\$24,995.00	\$24,995.00
PerSim® Additional Headset	PerSim® Additional Headset: 1 Additional Microsoft HoloLens 2, PerSim® HoloLens Software	1	\$6,000.00	\$6,000.00
Concierge Delivery	MedCognition will send a delivery specialist to your site for one business day to train you and your staff how to use PerSim.	1	\$4,000.00	\$4,000.00
			SUBTOTAL	\$34,995.00
			SHIPPING	\$0.00
			DISCOUNT	\$0.00
			TAX	\$3,586.99
			TOTAL	\$38,581.99

Do you supply recycled Products?

Yes

No

Part B: Address Questionnaire

1. General Mailing Address:

Address 1305 E. Houston Street, Ste 401

City San Antonio

State TX Zip 78205

Contact Name Russell Unrath

Title Interim CEO

Phone (210) 960 0930 Ext 108

Fax (____) _____ - _____

2. Remittance Address:

Address 1305 E. Houston Street Ste 401

City San Antonio

State TX Zip 78205

Contact Name Russell Unrath

Title Interim CEO

Phone (210) 960 0930 Ext 108

Fax (____) _____ - _____

Part C: Commodity and Service Codes

Type of commodities or services that your business provides

Holographic medical Simulation using PerSim Holo App, PerSim Controller App, PerSim Monitor App via Microsoft HoloLens and tablets that control the software.

Part D: Completing and Returning Application

1. Name of Person Completing Form

Name Russell J. Unrath

Title Interim CEO

Phone (201) 381 9593 Ext _____

Fax (____) _____ - _____

Signature _____

Date 9/9/201

2. Return Completed Application to:

Purchasing Department
Chabot – Las Positas CCD
7600 Dublin Blvd, 3rd Floor
Dublin, CA 94568
Fax: (925) 485-5271

DO NOT COMPLETE – FOR INTERNAL USE ONLY

Received ____ / ____ / ____

Input ____ / ____ / ____

Vendor No. _____

Received ____ / ____ / ____

Input _____

New Updated