



**SCAMeL Speedy Startup 2019 / Clinical Kiosks**

Project Task	Responsible Parties
A interface will be designed, developed, and tested.	Brandy Klug
Arrange focus groups to assess website features	Lorraine Sheldon, Tim Kenny
Refine interface issues based on focus group feedback.	Tim Kenny, Lorraine Sheldon, Brandy Klug
Design automated post-survey	Brandy Klug & Tim Kenny
Purchase hardware	Tim Kenny
Assemble stations <sup>2</sup>	Tim Kenny
Set-up stations at hospital	Tim Kenny, Kellie Boyd
Gather usage data, library reference volume, and post survey results.	Brandy Klug, Tim Kenny, Kellie Boyd
Analyze results and prepare paper for publication.	Tim Kenny, Brandy Klug, Kellie Boyd, Lorraine Sheldon
Present at professional conferences.	Tim Kenny, Brandy Klug, Kellie Boyd, Lorraine Sheldon

**Budget**

The introduction of a library kiosks is another long-term investment which enhances the services of the JPS Health Network Medical Library. With this tool, a clear message of accessibility and service will be communicated to the team members. With a small staff, operating hours only extend from 7:30 am to 4:30 pm during the work week, however in a hospital setting information may be needed 24 hours a day, seven days a week. A reliable service point that is user-friendly will represent an extension of the library's customer service beyond the regular operating hours.

The physical hardware for each library kiosk will be composed of a 12.9-inch Apple iPad Pro, an additional 10-foot iPad power cable and the Armadillo Original Sphere. The decision to go with an Apple iPad Pro is both for the longevity of the product quality and support provided by UNTHSC as an Apple certified campus. The purchase of a 10-foot iPad power cable will ensure consistent power for the iPad and eliminate service outages due to low battery power. The decision to purchase the Armadillo Original

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Sphere was based on the quality and design of the stand as well as its signage which is built into the cost of the purchase. An additional cost of the library kiosk includes AppleCare as this is a university requirement for the management of the equipment.

A custom kiosk interface, supported by the Kiosk Pro Plus product line, will be the finishing touch to the library kiosk. As an industry leader in the kiosk market, this product goes beyond limiting users to a single catalog window. With this software, a custom interface will be created to meet the needs of team members and monitor usage to improve functionality.

Kiosk Pro software allows the library to moderate and prioritize resources available via the kiosk interface. For the duration of the initiative the kiosks will remain under the property control of UNTHSC.

***Budget Details***

		Award	In-Kind	Totals
<b>Personnel</b>				
8%	Web Development Salary		4900.00	
	Web Development Fringe Benefits		1715.00	
5%	Clinical Librarian Salary		2749.76	
	Clinical Librarian Fringe Benefits		962.42	
5%	Outreach Librarian Salary		2749.76	
	Outreach Librarian Fringe Benefits		962.42	
	<b>Subtotal</b>	<b>0.00</b>	14,039.36	14,039.36
<b>Equipment</b>				
5	Apple iPad 10.5 Pro 64GB (\$649 each)	3245.00		
5	Apple Care (\$100 each)	500.00		
5	Armodilo Original Sphere - Tablet stand (\$393 each+shipping)	2050.00		
5	Tablet security lock (\$15 each)	75.00		
5	Kiosk Pro Software (\$50 each)	250.00		
5	Headphones (\$20 each)	100.00		
	<b>Subtotal</b>	<b>6220.00</b>	0.00	6220.00
<b>Reproduction</b>				
	Printing – signage	400.00		
	<b>Subtotal</b>	<b>400.00</b>	0.00	400.00
<b>Direct costs (sum of all categories listed above)</b>				
	<b>Total</b>	<b>\$6620.00</b>	14,039.36	20659.36

## **SCAMeL Speedy Startup 2019 / Clinical Kiosks**

### **Research Implications**

- Determine if there is measurable impact on patient care outcomes through distribution through creation of new points of access to health information
- Determine if there is measurable impact on quality improvement projects/initiatives through new points of access to health information
- Gather and analyze anecdotal feedback regarding usefulness of kiosks to clinical staff and other JPS staff members and possible patients and patients' families

### **Research Design & Methodology**

A mixed methods approach will be used for this project. This will involve capturing user demographic metrics via requests & questions submitted via the kiosks, pre/post surveys (including open answer/comment questions) with particular focus on usefulness of kiosk related to patient care and quality improvement.

### **Addendums**

#### *Letters of Support*

- UNTHSC Gibson D. Lewis Health Science Library, Dan Burgard, Director
- JPS Health Network, Dr. Tricia Elliott, Vice President Academic Affairs

### **Institution Biographies**

#### ***JPS Health Network Medical Library***

##### ***1500 South Main Street Fort Worth, TX 76104***

As the county hospital, the JPS Health Network offers residents from around the country access to quality health services through hospital and clinical settings. With over 100 years of community service, the institution is a pillar of the county and the JPS Health Network Medical Library contributes daily to the outcomes of patient care.

#### ***Gibson D. Lewis Health Science Library Staff***

##### ***3500 Camp Bowie Blvd. Fort Worth, TX 76107***

As a resource library for the National Network of Libraries of Medicine (NNLM), since the early 1990s, Gibson D. Lewis Health Science Library, has dedicated full-time support to promoting community access to quality health information. Lewis Library also provides direct support to the development and services of the JPS Health Network Medical Library as it is a branch library in the UNT Health Science Center system.

### **References**

John Peter Smith Health Network (JPS). (2018). About JPS: History. Retrieved from [http://www.jpshealthnet.org/about\\_jps/history](http://www.jpshealthnet.org/about_jps/history)

John Peter Smith Health Network (JPS). (2018). Center for outcomes research. Retrieved from [https://www.jpshealthnet.org/academics\\_research/center\\_for\\_outcomes\\_research](https://www.jpshealthnet.org/academics_research/center_for_outcomes_research)

Tarrant County. (2016). JPS health networks. Retrieved from <https://www.tarrantcounty.com/en/commissioner-3/programs-and-initiatives/healthcare/jps-health-network.html>



Centered in Care  
Powered by Pride

February 28, 2019

To Whom It May Concern,

I am writing on behalf of the JPS Hospital Network and in support of Tim Kenny's application for SCAMeL Speedy Startup Award. This proposal is a joint effort from the recently merged libraries at University of North Texas Health Science Center and the JPS Health Network.

The JPS Library, as part of its mission to expand access to the hospital, wishes to develop and deploy mobile technology to healthcare stations throughout the hospital. This mini-kiosk provides quick access for healthcare professionals to a variety of NNLM and other library resources. The technology provides information access to hundreds of hospital employees, creating access to quality health information in a 24/7 environment. Library staff cannot be accessible 24/7, but the technology requested through this application creates a self-service kiosk that provides the means to discover data without library mediation.

As Vice President, Academic Affairs and Research, I support this proposal which enhances the unique relationship between the UNTHSC and the JPS Health Network Library and provides fingertip access to hospital employees.

Thank you in advance for your thoughtful consideration of this proposal. Please contact me if you require any additional information.

Respectfully,

A handwritten signature in black ink, appearing to read 'Tricia C. Elliott'.

Tricia C. Elliott, MD, FAAFP  
Vice President, Academic Affairs and Research  
Chief Academic Officer and Designated Institutional Official  
Department of Academic Affairs  
JPS Health Network

March 1, 2019

It is my pleasure to write a letter of institutional support for Tim Kenny's application for a SCAMeL Speedy Startup award. This proposal is a joint effort from the recently merged libraries at University of North Texas Health Science Center and the JPS Health Network in Fort Worth.

As part of its mission to expand information access across the hospital, the JPS Library desires to create a web interface and deploy kiosk technology to a number of nursing stations. This project will provide quick access for healthcare professionals to a variety of NLM and other library resources. The kiosks will be immediately accessible to hundreds of hospital employees, offering them access to quality health information in a 24/7 environment. Library staff cannot be in all places at all times and the technology requested through this application will help provide hospital staff with the means to discover data without library mediation.

As Director of the UNTHSC Library, I support this accessibility project which enhances the unique relationship between the UNTHSC and the JPS Health Network Library and provides democratized access to hospital employees.

Thank you in advance for your thoughtful consideration of this proposal. Please contact me if you require any additional information.

Respectfully,



Daniel E. Burgard  
Executive Director, Library and Information Services  
Director, National Network of Libraries of Medicine, South Central Region  
Gibson D. Lewis Health Science Library  
University of North Texas Health Science Center