



## THOMAS POWELL, MD, MS - ASSISTANT PROFESSOR AND TRACT LEADER FOR CLINICAL INFORMATICS

Active full-time CMIO, Associate Vice Chancellor/C-Suite Executive in Integrated Clinical Programs, and Associate Professor of Biomedical Informatics at innovative academic medical center. Extensive education and career experience within Healthcare, Informatics, and Analytics. Extensive experience in both Academic/non-Profit and Private/for-Profit Healthcare settings. Has successfully led multiple institutions through EMR installations and clinical optimization projects. Has implemented and optimized the full libraries of EPIC and Cerner clinical products. Formal Data Warehousing and Analytics Experience.



The University of Arkansas for Medical Sciences (UAMS) in Little Rock is the only academic health sciences university in the state of Arkansas. We are the state's largest public employer with more than 10,000 employees in 73 of Arkansas' 75 counties. UAMS and its clinical affiliates, Arkansas Children's Hospital and the VA Medical Center, are an economic engine for the state with an annual economic impact of \$3.92 billion. UAMS Hospital has 450 beds, including adult, newborn, and 40 psychiatry. UAMS is also the only adult Level One Trauma Center in Arkansas. 912 College of Medicine clinicians staff UAMS Medical Center, Arkansas Children's Hospital and the Central Arkansas Veterans Healthcare System

## DEPARTMENT BREAKDOWN

### WHAT ARE YOUR KEY DEPARTMENTAL OBJECTIVES OVER THE NEXT 6 TO 12 MONTHS?

Developing Analytics, Data Governance, and Data Distribution; EHR optimization; Developing informatics workforce.

### WHAT DO YOU SEE AS THE POTENTIAL PROBLEMS TO ACHIEVING THOSE OBJECTIVES?

I think that technology challenges in the EHR, a workforce that is less skilled and available than needed, and a lack of analytics skill set.

### WHAT IS YOUR CURRENT TECHNOLOGY STACK?

Epic EHR (full library), SAP, Business Objects, Qlik, Zynx.

### HOW MANY PEOPLE REPORT TO YOU (BOTH DIRECTLY AND INDIRECTLY)?

18; but 90 other matrix relationships

### WHAT IS YOUR TOTAL BUDGET OVER THE NEXT 12 MONTHS PERIOD?

\$25 to \$50 million

### NUMBER OF BEDS

450

## PROJECT INSIGHTS

### PROJECT OR INITIATIVE DESCRIPTION

Developing Analytics Platform

### WHAT ARE YOUR OBJECTIVES?

Deliver key KPI to the clinical enterprise in visualized descriptive analytics.

### WHAT NON-BUDGETARY CHALLENGES DO YOU ANTICIPATE?

Workforce limitations and skillset limitations in data science.

### WHAT 3RD PARTIES ARE YOU LOOKING TO MEET?

Qlik will be the primary vendor.

### WHAT IS YOUR TIMELINE FOR IMPLEMENTATION?

Starting in 1-2 months with a rolling go live of tools.

### WHAT IS YOUR BUDGET FOR THIS PROJECT?

\$100,000

**What technology/services are of strategic importance to you in the next 12 months?**

**Please indicate level of need/importance:**

**A=High Priority B=Priority C=Interest D=Low Priority E=Not A Priority**

**We realize everyone has priorities, so we asked the delegates theirs. This is so that we can create a more personalized experience for all our attendees.**

Improved Risk Adjustment Using Combined EHR And Claims Data	<b>A</b>
Saving Lives With Real Time Communication	<b>B</b>
Partnering For Performance Improvement In Infectious Disease	<b>C</b>
Positive Patient Identification	<b>C</b>
Secure Communication And Collaboration In The HC Market	<b>C</b>
Solutions For Enabling Population Health, One Patient At A Time	<b>A</b>
Creating Time To Care With Real-Time Physician Engagement	<b>B</b>
Improved Quality And Appropriate Reimbursement Through Better Clinical Documentation	<b>A</b>
Essential Technology For Successfully Managing Medicare/Medicaid Value-Based Care Programs	<b>A</b>
Prescribing Certified Digital Health Apps And Wearables To Improve Patient Engagement	<b>D</b>
Leveraging SMART On FHIR Technology For Patient Engagement	<b>D</b>
Secure And Interoperable Messaging Application	<b>C</b>
Balance Technology And The Human Element To Provide The Highest Quality Of Care	<b>A</b>
Bringing Together Mhealth, Telehealth, And Other Technologies To Create A Comprehensive Connected Care Program	<b>B</b>
Increase Patient And Provider Engagement Within Your Digital Health Program	<b>C</b>
Discuss Strategies To Overcome Operational Challenges Associated With Telehealth And Strengthen The Bottom Line	<b>D</b>
Measure Improved Outcomes And Reduced Costs As Primary Drivers Of ROI	<b>C</b>
Utilize Emerging Technologies Such As Predictive Analytics And Machine Learning To Improve Efficiency And Enhance The Capability Of Your Telehealth Program	<b>A</b>