Houston Chapter of HIMSS
June 28, 2019 Lunch and Learn
Innovations in Healthcare

Agenda

11:00 AM   Welcome – Mark Anderson, Houston HIMSS 2018-20 President

11:10 AM   Welcome from TMCx - Albert Huang, MD, Innovation Strategist at the TMC

11:20 AM   Welcome from Texas Woman's University - Gerald R. Goodman, DrPH, CCE

11:28 AM   Introduction and format for the six presentations
Mark Anderson, Houston HIMSS 2018-20 President

11:30 AM   Valhalla Healthcare - Alexeis Baqui, MD – albaqui250@gmail.com

11:40 AM   Health Samurai – Pavel Smirnov - pavel@health-samurai.io

11:50 AM   ScalaMed - Taylor Huffman, MHA, CPXP - taylor.huffman@scalamed.com

12:00 PM   Break and score Presentations

12:10 PM   Revealix – Adrianna Cantu - adrianna@revealix.com

12:20 PM   Vitls – Werner Vorster - werner@vitlsinc.com

12:30 PM   PreopMD – Christiana Obi - dr_obi@preopmd.com

12:40 PM   Recap scoring

12:50 PM   Announcement of Session "Best of Class" Presentations

1:00 PM   Meeting Adjourn

Today's Speakers

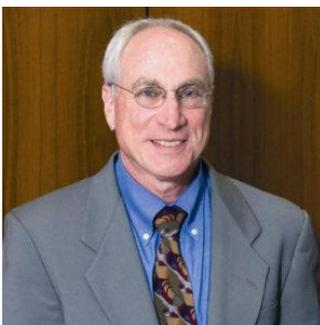|	
Mark R. Anderson, LFHIMSS, CPHIMS • CEO of AC Group, Inc. • President - Houston Chapter of HIMSS • COO of East TX IPA/ACO • TMCx Digital Health Advisor • Chairman of the 2020 TX HIMSS Regional Conference	Mark Anderson is the current President of the Houston Chapter of HIMSS (2018-20) is a Life Fellow (HIMSS Member for 36 years) and is one of the TMCx Advisors. Mark will be the chairman of the 2020 Texas Regional HIMSS Conferenc scheduled for May of 2010. Mr. Anderson, CEO of AC Group, Inc. is one of the nation's premier IT research futurists dedicated to health care. He has 47 years' experience in Healthcare as a CEO, CFO and the corporate CIO at 4 IDNs and has worked with over 250 hospitals and over 26,000 physicians. Additionally, since 2010, Mr. Anderson has worked with 28 ACOs regarding moving from FFS to VBR, has created over 20 Care Coordination and Patient Engagement programs, and has developed the 7-Stages of VBR functionality matrix. Finally, Mr. Anderson has served as an Expert Witness on numerous legal cases dealing with Healthcare Technologies, hospital protocols, and numerous malpractice cases. During the past 45+ years, he has worked with more than **400** Physician offices ranging in size from 1 provider to 2,150 providers and more than *250* hospitals institutions in **20 states** ranging in size from 4 beds to 2,600 beds. Besides serving at the CEO of AC Group, Mr. Anderson served as the Interim CEO/CFO of Doctors Diagnostic Hospital, interim CIO for the Taconic IPA, VP of healthcare for META Group, Inc., the Chief Information Officer with West Tennessee Healthcare, the Corporate CIO for the Sisters of Charity of Nazareth Health System.
Albert Huang, MD Innovation Strategist at the TMC Innovation Institute e-mail: ahuang@tmc.edu Phone: (832) 799-8546 www.linkedin.com/in/albertyhuang	Located in the TMC Innovation Institute, the program provides startup companies with shared workspace, a curriculum tailored to the needs of health care entrepreneurs and the guidance of over 200 advisors from the front lines of the industry. Companies have access to the world's largest medical center, all without membership fees or equity sharing. Participants further develop their companies by attending a variety of workshops and hands-on events to gain insights from experts in every facet of running a health-related business: clinical trials, FDA regulations, HIPAA/HITECH compliance, hospital procurement, commercial pilots, intellectual property, licensing, fundraising, marketing and other critical areas. In addition, participants work with the TMCx team to refine strategies and build relationships across the Texas Medical Center. Companies network with key thought leaders and mentors during the Advisor Pitch Event, the TMC Expert Forum and other scheduled sessions. The four-month program culminates with TMCx Demo Day, an exclusive presentation to hundreds of investors, corporate partners, hospital stakeholders, media and other guests. The TMCx team's goal is to quickly and effectively connect entrepreneurs to stakeholders.
Gerald R. Goodman, DrPH, CCE Professor and Program Director Health Care Administration 6700 Fannin Houston, TX 77030 713-794-2361	Texas Woman's University is the nation's largest university primarily for women, with its main campus in Denton, Texas, and health science centers in Dallas, and Houston, Texas. The TWU-Houston Health Care Administration graduate program gives students the specialized knowledge and skills necessary to become a successful manager-leader in the complex and dynamic health care industry. It is a contemporary program focusing on the working professional: evening classes, Monday through Thursday only, blended on-site and on-line class format. The Program has been continuously accredited by the Commission on Accreditation of Healthcare Management Education (CAHME) for 22 years. Gerald R. Goodman, PhD, joined the full-time faculty in the Health Care administration in September 2000. After completing a dual bachelor's degree program at the University of Houston in 1967, majoring in mathematics and electronics engineering technology, Dr. Goodman worked as an engineer with General Dynamics Corporation, in Fort Worth, Texas. During that time, he attended graduate school at Southern Methodist University, where he received the Master of Applied Science in Electrical Engineering in 1970. Since 1970, he has worked in the healthcare field and has completed the additional degrees of Master of Science in Hospital Administration from TWU in 1982, and Doctor of Public Health from University of Texas School of Public Health in 1999. Dr. Goodman's practice and research interests are in the area of health policy influence on health care performance and quality - medical device safety, patient safety and healthcare related occupational safety. .

Alexeis B. Baqui, MD
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Physicians spend nearly half of their clinic time on documentation while only about 30% is spent directly with patients. Further research suggests an ominous trend: less patient face time due to overdocumentation can lead to worse control of chronic conditions, provider burnout, workflow inefficiency, and higher costs for the healthcare system.

Our solution, Allevia™, is an AI-powered intake system that automates clinical documentation for healthcare providers. Providers who use Allevia™ to automate their notes see a 30% reduction in data entry by clinicians, increase in patient throughput by 10%, and over 90% provider satisfaction.
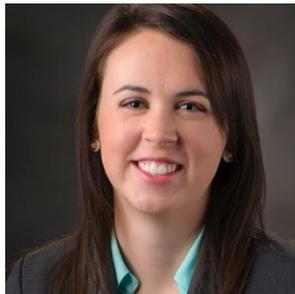

Pavel Smirnov, *CEO*
Health Samurai
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https://health-samurai.io/

Health Samurai's Aidbox is a FHIR backend and development platform that makes your software engineer a health IT developer guru. Many healthcare organizations are unhappy with off-the-shelf software, but they struggle to develop solutions for healthcare they need because:
*It costs a lot and takes forever
*It requires talent they often do not have
*They're scared to fail again!

Aidbox is a FHIR development platform for healthcare applications that gives software engineers a healthcare backend and a rich set of add-ons that cut development time by half. Aidbox guides engineers with the FHIR framework, which provides health IT knowledge and minimizes mistakes

Taylor Huffman, MHA, CPXP
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Patients are failing with their medications. Despite our best efforts inside the clinic, 1 in 7 hospitalizations and $310 billion per year are due to medication mismanagement. Why? We have little ability to influence patients behaviors once they leave the clinic. Manual interventions are expensive and not scalable, and our current prescription system sets patients up to fail. Prescriptions lack reminders, interaction warnings, history, shareability, price transparency, or habit-forming triggers.

Clinics and providers – especially those bearing risk, need a scalable, cost-efficient way to provide ongoing, remote and automated medication care management to patients. That's where ScalaMed comes in. Without any change to the provider's workflow, we securely reroute prescriptions directly to patients' phones. Patients then have access to pricing information, education, interaction warnings, and complete control over filling their prescriptions – including our intelligent and automated care coordination tool.

We're already seeing high rates of patient and provider satisfaction and engagement in first deployments. Our system uses AI to create automated workflows to identify high-risk patients, intervene, and when they continue to fail, link them back into care as needed. We occupy unique real-estate at patients' fingertips to deliver outcomes and save money. We're smarter, simpler, and truly scalable. We are ScalaMed.

Adrianna Cantu
Co-founder | CEO
Revealix, Inc.

According to 2017 figures, the US healthcare system spends nearly $240 Billion on diabetes. Up to a third of that cost is attributed to complications in the lower limb.

With rates of diabetes reaching epidemic levels and mounting pressures for improving cost and quality measures in this patient population, a diabetic foot wound doesn't have to be the starting point for limb saving intervention and engagement with the healthcare system. Lower limb amputations are a leading driver in hospital readmissions in this patient population and one of the most costly, devastating and yet preventable complications of diabetes. In fact, research indicates that up to 75% are preventable.

Revealix is an evidence-based digital health company focused on "Simply Saving Limbs". Their technology aims to reduce the rate of diabetic limb complications and amputations by enabling earlier identification of patients at-risk for foot ulceration, an integral component in achieving the "75% prevention" rate. Through intelligent, mobile and scalable imaging software, Revealix helps doctors easily and rapidly pick up on temperature patterns that are meaningful to preserving limb health.

Werner Vorster
werner@vitlsinc.com

I'm the co-founder and CEO of Vitls, a platform that includes the thinnest, most unobtrusive wearable available today that can monitor a full suite of vital signs reliably and continuously.

I founded Vitls because my eldest son suffered from febrile seizures and we were looking for a way to continuously and remotely monitor him when he was sick. Vitls is a seed-stage company based out of the Texas Medical Center in Houston.

Vitls was created because we believe continuous vital sign monitoring should be the standard of care in hospitals. Patients should have peace of mind that if any of their physiological parameters change, their care providers will be notified immediately. Nurses and physicians should receive continuous, accurate, and reliable data from our medical wearable device that allows them to provide their patients with the best possible care. Vitls is here to provide that change.

Shail Sinhasane
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Surgery is the single largest healthcare expense in the U.S., estimated to reach $912B by 2025. Though this cost is fueled by new technology, medications and an aging population, inefficient processes and fragmented perioperative care leads to wasted resources, time and money.

PreopMD was founded on the idea that technology can be used to create a seamless surgical experience for patients, providing guidance from the surgical consult, through the preoperative evaluation process and beyond. PreopMD's digital clinic enables clinicians to track, monitor and instruct their patients through the surgical process, ensuring that all labs, clearances and instructions are completed prior to the day of surgery. Utilizing text messaging and telemedicine, patients and their care-team can stay in-sync throughout the preoperative process, decreasing the likelihood of surgical delays and cancellations from patient related factors.