CHIME INNOVATION

SCALE HEALTH

CHIME INNOVATION | SUMMIT

MID-ATLANTIC

Moon Shots in Digital Health Innovation

Executive Summary Report
Fairfax, VA June 2025

Sponsored by **Pixel Health** P
Healthcare technology. Human perspective.

Thank you to our host, Matt Kull, at Inova Health System

Matt Kull serves as the Executive Vice President and Chief Information and Digital Officer at Inova Health System, where he leads the organization's technology and digital transformation initiatives. With over 25 years of experience in technology, including 15 years in various healthcare settings, he oversees all aspects of Inova's technology and digital strategy .

At Inova, Matt is focused on leveraging artificial intelligence (AI) and predictive analytics to enhance patient care and operational efficiency. Under his leadership, Inova has implemented AI technologies to automate administrative tasks, improve data security, and predict hospital resource needs. For instance, Inova has partnered with Abridge AI to use voice technology that transcribes clinician-patient conversations, aiming to reduce administrative burdens and allow providers to focus more on patient care.

Matt Kull
EVP, Chief Information and Digital
Officer, Inova Health System

CHIME Innovation Summit - Mid-Atlantic: Faculty

INOVA HEALTH SYSTEM
Matt Kull

LIFEBRIDGE HEALTH
Tressa Springmann

CHIME
Keith Fraidenburg

SIGNATURE HEALTHCARE
Joe Diver

UNIVERSITY HOSPITAL (former)
Paul Brian Contino

CHIME
Rebecca Woods

COOPER UNIVERSITY HEALTH CARE
Dustin Hufford

INOVA HEALTH SYSTEM
J. Stephen Jones, MD

SHIELDS HEALTH
Gerald Greeley

CHILD MIND INSTITUTE
Erin Osbourn

LIFEPOINT HEALTH
Alan Smith

CINQCARE
Julia Zhou

Thank You to Our Summit Sponsors

ABRIDGE · AvaSure · Clearsense · Clinical Architecture · FIRST HEALTH ADVISORY

hyro · imprivata · PAG PROFIT ADVISORY GROUP · panda health

Pixel Health · PURESTORAGE · rubrik

Key Insights from the Summit Sessions

Setting the Stage: Be Bold! – The Key to Digital Health Innovation:

- **40% of working hours** across healthcare departments can be influenced by today's AI technology.
- WHO estimates that the industry will be **10 million healthcare workers short by 2030.**
- Individuals between 60-90 years of age will increase to 78 million by 2032.

> "We need to apply technology to multiply human output." -. **Matt Kull, CHCIO, CDH-E**

Keynote: Healthcare Innovation Priorities: A CEO's Perspective

- Be careful of point solutions and technical debt, **focus on prioritizing robust data governance and long-term value over hype.**
- **AI is most valuable when supporting clinicians — not replacing them.** From flagging high-risk mammograms to streamlining scheduling, AI can enhance outcomes and efficiency if developed transparently and with multidisciplinary oversight.

> "I see a future where every single healthcare leader is also a healthcare technology leader."
> - **J. Stephen Jones, MD, FACS**

Fishbowl 1: Bridging the Gap: Leveraging Technology Amidst Healthcare Workforce Shortages

- **Think about how efficient your team is** rather than how big your team is.
- **Look for ways to reengage retired or semi-retired providers** who are still willing to take virtual shifts.
- **Change your physicians perspective** of how technology can help them.

> "Three years from now, AI will just be a capability of any platform." - **Tressa Springmann**

Key Insights from the Summit Sessions

Fishbowl 2: **Guardians of the Digital Health Galaxy: Pioneering Cybersecurity Innovations:**

- **Connect your tools for a more coordinated response** when an attack occurs.
- **Start doing daytime drills** because you don't know when an attack will happen.
- There is movement towards password-less protection through the use of integrated identify verification solutions.
- **Deploy zero trust architecture where you can.**

> "All of the blocking and tackling is important but it doesn't matter if you can't recover once an attack occurs." - **Matt Kull, CHCIO, CDH-E**

Fishbowl 3: **Data Wizards: Unleashing Advanced Analytics in Healthcare:**

- **There is a skill gap and opportunity** for those who can take data and drive impactful business outcomes.
- **Simplify roles down to 5 simple metrics** based on what information a person needs each day, then hold them accountable to it.
- **Quality of care and length of stay** are critical metrics to track.

> "The new AI models are significantly improving on hallucinations. I'm optimistic because AI is evolving too." - **Julia Zhou**

Fishbowl 4: **Convenience, Control, and Confidence: The Prognosis for Patient Engagement**

- **Friction between member engagement and patient engagement** leads to overall disengagement.
- We need to get to a point where **AI can send plain language information to each patient** without too much manual quality control.
- Make sure that **market data supports what patients actually want.**

> "What we are doing is allowing history and fear to keep us from doing what every industry has already done." - **Matt Kull, CHCIO, CDH-E**

CHIME INNOVATION   SCALE HEALTH

Key Insights from the Summit Sessions

Fishbowl 5: Precision Medicine, AI, and the Future of Personalized Care:

- Full scale **chart summarization is going to be the next wave** after ambient listening.
- Personalized care comes down to who **owns the patient data and where is it stored.**
  - **Patients owning their own access to data and imaging** would be a huge cost savings for the health system.

> "This industry is not designed to be proactive. This is the time for us to make a difference."
>
> - **Julia Zhou**

Fishbowl 6: Revitalizing Healthcare: Innovations Increasing Workforce Resiliency and Joy:

- **AI and analytics should inform, not replace, human leadership.** Tools that monitor burnout or automate low-value tasks are helpful - but empathy, communication, and autonomy remain critical.
- **Intrinsic motivation outlasts perks.** Building resilient teams means tapping into what drives each individual not just bonuses or benefits.
- **Support for mental health and life challenges is leadership in action.** Encouraging time off, flexible schedules, and gratitude practices makes a meaningful difference in retention and well-being.

> "If you don't create psychological safety, you don't have a productive team."
>
> - **Paul Brian Contino**

Pixel Health's Connectivity Moonshot: Revolutionizing How We Connect

The Evolving Needs in Healthcare

Healthcare providers face increasing pressure to innovate and enhance care delivery models driven by the rapid adoption of AI-powered diagnostics, predictive analytics, and automated clinical workflows. Faster access and response times in clinical settings are crucial, and next-generation technologies like 5G are essential to meeting these demands by providing necessary speed and efficiency required for real-time AI processing and decision support systems.

Why 5G in Healthcare - Beyond the Limits of Traditional Wi-Fi

While Wi-Fi has been reliable, it faces limitations in latency, bandwidth, and security that become critical bottlenecks. A stand-alone 5G network supports highly mobile environments and automated devices with seamless roaming, offering unmatched, reliable connectivity to support communication workflows for clinicians, virtual nursing and care, hospital at home, and more, to ultimately enhance patient experiences and outcomes.

Pixel Health P
Healthcare technology. Human perspective.

Connectivity Moonshot (cont):

5G Supports Clinical Enablement

Telehealth Advancement & AI-Powered Remote Care:
- Support remote medicine and **hospital-at-home programs enhanced by AI diagnostics** and predictive monitoring.
- Facilitate **provider mobility** and the remote health system workforce.

Enhanced Communication:
- **Reliable delivery of alerts**, alarms, and messages to countless devices including AI-generated clinical alerts and automated patient status updates.

Innovative Real-Time Location Services:
- Track medical equipment and monitor the **proximity of medical teams**.
- Facilitate **patient monitoring** with precise location tracking to enhance safety and quality of care supported by AI-powered analytics for predictive patient risk assessment.
- Assist families and visitors in **navigating the hospital efficiently**, ensuring they reach their destinations with ease.

Improved Safety and Engagement:
- **Improve workplace safety** and patient engagement through comprehensive stand-alone 5G coverage.

Direct Network Links for Enhanced Security:

Secure Connectivity:
- Directly link to hospital networks, **eliminating the need for VPNs, enhancing security and efficiency** while providing the secure, high- performance environment required for AI model training and inference.

Protect Sensitive Data:
- **Ensure data integrity** by maintaining a closed environment that avoids Internet traversal critical for protecting AI training datasets and maintaining HIPAA compliance for machine learning applications.

Pixel Health ®
Healthcare technology. Human perspective.

CHIME INNOVATION   SCALE HEALTH

Here are innovations that you should know about starting today!

1

Mirza (www.heymirza.com): Mirza is the common app for the safety net.
Location: Los Angeles, CA | Revenue: Projected to pass $1M by 2026 | Founded: 2020
Why you should know them: In less than 6 months, 42% of users in New York were able to either increase hours or have one partner return to work full time, leading to household income increases of up to 140%.

2

ThriveLink (www.mythrivelink.com): ThriveLink builds telephonic AI agents that speak with patients over the phone and autonomously complete applications for Medicaid, medically tailored meals, and other programs—no smartphone or internet required.
Location: St. Louis, MO | Revenue: >$2M | Launched: 2024
Why you should know them: In partnership with Atrium Health, Boston Medical Center, and several Medicaid MCOs, and has already delivered $2 million+ in resources.

3

Lana Health (www.lana.health): Enabling hospitals to build the smart patient rooms of the future, enabled with virtual nursing, AI-powered patient observation and tele-sitting coupled with one of the best interactive patient experiences for patients during their stay.
Location: San Francisco, CA | Revenue: $3.2M | Founded: 2021
Why you should know them: Working with Duke University and others, Lana's interactive TVs, virtual nursing and tele-sitting coupled in a single platform is reducing the need for point solutions helping hospitals save significant vendor costs.

4

Ontrak (www.ontrakhealth.com): A value-based behavioral healthcare company that identifies and engages people using a proprietary system to improve clinical outcomes and reduce cost. Ontrak guarantees a minimum 2x ROI with all fees at risk.
Location: Henderson, NV | Financials: Publicly Traded | Founded: 2003
Why you should know them: Using the Advanced Engagement System, health plan/system data, and Ontrak coaches, they drive deep member engagement, focusing on measurement-informed care, and delivering optimized care coordination.

5

Invigilo AI (www.invigilo.ai): Utilizes AI agents and vision-language models that tap onto existing CCTV infrastructure to identify leading indicators and causes for workforce safety lapses, preventing them before they happen.
Location: Singapore | Financials: $1M raised and profitable | Founded: 2021
Why you should know them: Winner of Startup World Cup 2025 at We Make Future in Bologna, Italy, and a global independent software vendor for corporations including Microsoft and Dell.
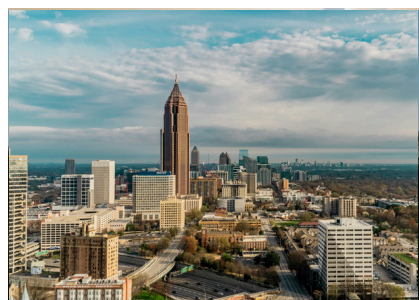
What's coming next?

INNOVATION SUMMIT:
WEST COAST

July 23 - 25, 2025 | San Diego, CA

Sharp HealthCare

INNOVATION SUMMIT:
VIRTUAL

August 20, 2025 | Virtual

INNOVATION SUMMIT:
SOUTH ATLANTIC

Sept 10 - 12, 2025 | Atlanta, GA

Children's Healthcare of Atlanta Support Center

INNOVATION SUMMIT:
SOUTHWEST

Sept 23 - 25, 2025 | Dallas, TX

CHRISTUS Health

Thank you

Please reach out to us to keep the conversation going!

Keith Fraidenburg
EVP, Chief Operating & Innovation Officer, CHIME
kfraidenburg@chimecentral.org

Taylor McPartland
Chief Executive Officer, ScaleHealth
taylor@scalehealth.com

Barbara Casey
President Strategy & Transformation, Pixel Health
bcasey@pixelhealth.com

Karl Connolly
Vice President of 5G Strategy, Pixel Health
kconnolly@pixelhealth.com