

# Welcome

AWS Learning Days  
for Education, State, and Local Government

Salt Lake City, Utah

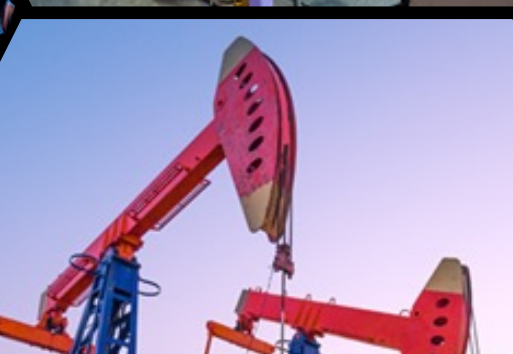




# Brian Eisenlauer

Leader of Solutions Architecture  
US Education, State, and Local Government  
**Amazon Web Services**







**UTAH**





- **Founded in 1850 - Utah's flagship university**
- **1,534 acre campus**
- **Heavy focus on research - \$691 million in annual research funding**
- **36,970 student enrollment**
- **Birthplace or hub for several groundbreaking innovations - ARPANET (the precursor to the internet), the first artificial heart, the computer mouse, laser eye surgery, and the first human embryonic stem cell line—underlining its legacy in pioneering research**



## **UNIVERSITY OF UTAH HEALTH**

- **Home of the only academic medical center in the Mountain West**
- **Five hospitals and twelve community clinics**
- **#1 Hospital in Utah 12 consecutive years - U.S. News & World Report**
- **Top 10 academic medical centers nationwide in patient care quality for 14 consecutive years**

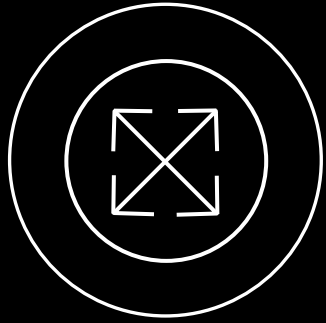


# Jim Livingston, M.B.A.

Chief Technology Officer  
**University of Utah**  
**University of Utah Health**



# Amazon Web Services



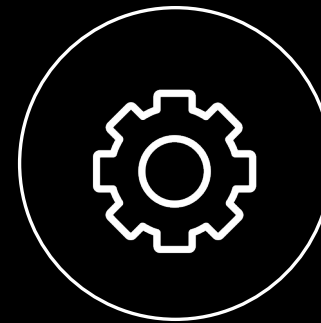
**Innovation**



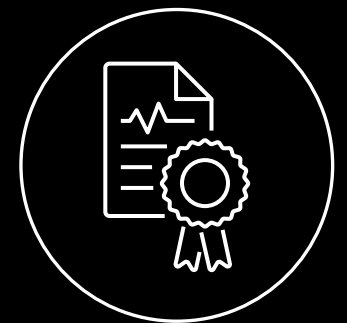
**Community**



**Security**



**Capabilities**



**Operational  
expertise**



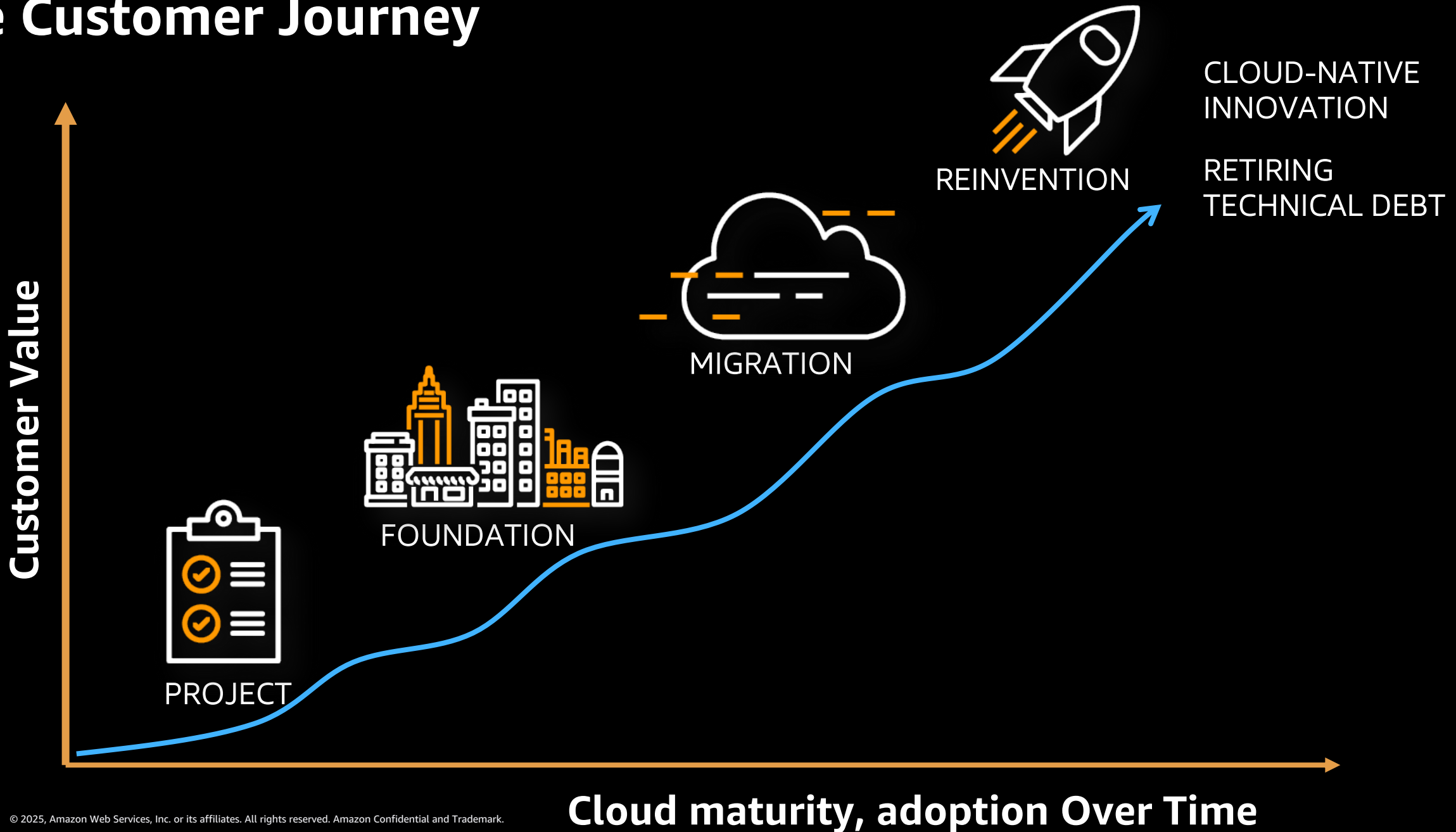


# Alan Fuller

Chief Information Officer  
State of Utah



# The Customer Journey





*Fireside Chat with*

**Lisa Young**

IT Director for Utah Data Coordinating Center  
**University of Utah School of Medicine**



# Empowering Innovation

## Through Comprehensive Research Solutions



**HYBRID** on-prem + AWS  
for scale and availability

**SECURE** research  
enclaves with governed  
analytics

**AI-READY** landing zones  
for advanced research

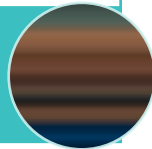
Platform



Faculty **LEADERS** in  
clinical, medical,  
epidemiology, and  
statistics

Integrated **TEAMS** across  
IT, biometrics, and  
clinical ops

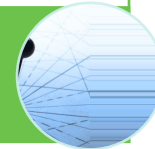
People



Among the world's  
**LARGEST** academic  
research orgs

We **PARTNER** with  
pharma, biotech, and  
medtech on FDA-  
regulated trials, real-  
world data, and  
industry-sponsored  
studies to speed  
translation and impact

Positioning



**TECHNICAL**: Data  
engineering, pipelines,  
APIs, portals, UX

**SCIENTIFIC**: Biostatistics,  
informatics, analytics,  
data mgmt

**CLIN-OPs**: Project & site  
mgmt, training,  
protocol development

Services



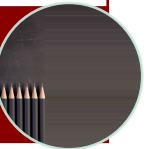
**COMPLIANCE-aligned**:  
FISMA Moderate, NIST  
800-171

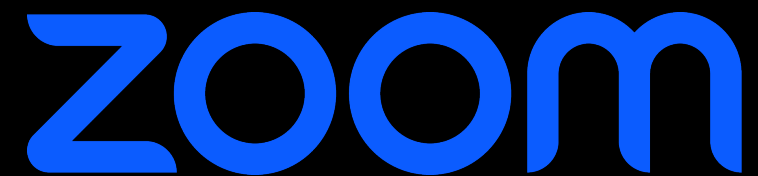
**AUDIT-ready**: GCP, 21 CFR  
Part 11

**EVIDENCE-DRIVEN**  
control framework

**QUALITY**: SOPs, training,  
CAPA, reviews

Compliance





# Demos

- Amazon Bedrock Guardrails Automated Reasoning Checks
- Amazon SageMaker Unified Studio
- Bedrock Knowledge Bases
- Amazon Bedrock Multi-Agent Collaboration
- Amazon Transform for VMware
- Amazon Transform for .NET

→ *Stop by “Ask the Expert” booth*

*Compete and win a prize!*

AWS Skill Builder

**TRIVIA**

**1:00 – 1:15PM**

**Training & Certification Booth**



# Tracks and breakout rooms

Track	Breakout room	Learning Goals
AI/ML	Main Ballroom (Keynote room)	AI governance, capabilities, and public sector applications
Cloud Fundamentals	West Ballroom	Infrastructure and technology modernization frameworks and practical strategies
Data & Analytics	Saltair	Building a modern data strategy to move, store, share, and analyze data; using Gen-AI tools to maximize data value
Executive	East Ballroom	Strategies, visions, public sector trends and best practices for leading teams through cloud journey

