DATA EXCELLENCE
RESHAPING DATA STRATEGY AT GEORGIA TECH

Daren Hubbard
Vice President of Information Technology & CIO
Georgia Institute of Technology

Business Partners Network
Tuesday, September 14, 2021

Georgia
Tech

DISCUSSION ITEMS

Data Excellence

- What is Data Excellence?
  - *Strategic Alignment*
  - *Pillars*
  - *Evolution of Data at Georgia Tech*
- Focus Areas
- Team
- In the Works
- Q&A

What is Data Excellence?

Strategic Alignment

Guided by the Institute Strategic Plan (ISP), Data Excellence supports **Lead By Example** objectives to:

- Be a leader in leveraging data analytic tools and processes to inform decision-making, and
- Be an example in the protection, management, and governance of data.

Georgia Tech

What is Data Excellence?
Pillars

Management

Through this initiative, we seek to answer questions like, "How does Georgia Tech define data, and how is data governed and managed at Tech?"

Protection

The ongoing protection, security, and privacy is of utmost importance at all times. We strive to establish a culture of shared responsibility around data protection.

Value

Data can be leveraged to tell multiple stories. These stories can and should ultimately be used to drive important decisions. We aim to realize the value of Institute data through this initiative.

What is Data Excellence?
Evolution of Data at Georgia Tech

1. Raw Data

2. Sorted Data

3. Arranged Data

4. Visually Presented Data

5. Data Explained Through A Story

6. Actionable Data

Focus Areas

Comprised of leaders and experts across the Institute, the Data Excellence steering committee has identified a series of projects and process changes that support the following six focus areas.

CUSTOMER ENGAGEMENT
Develop and implement a strategy to build a community of practice that empowers individual and cross-collaborative awareness, engagement, training, access, and support to build a data first culture.

GOVERNANCE & MANAGEMENT
Create and implement the structure, policies, processes, and technology needed to appropriately identify, govern, and manage data and IT assets.

SECURITY, PRIVACY & RISK
Ensure appropriate and necessary privacy standards, security standards, and data regulations requirements are met to achieve optimal balance between maximizing data assets usage versus managing risks related to data availability and utilization.

DATA SERVICES
Define and implement a portfolio of data services which leverage data assets and expertise to promote a data informed culture.

IDENTITY & ACCESS
Create and implement the framework, policies, processes, and technology needed to control access to system and data based on roles.

SYSTEM MODERNIZATION
Modernize current technology with a focus on improved services and data management.

Team: Champions and Sponsors

Champion

Daren Hubbard
Vice President,
Information
Technology & CIO

Executive Sponsor

Chaouki Abdallah
Executive Vice
President for Research

Kelly Fox
Executive Vice
President, Finance &
Administration

Steve McLaughlin
Provost & Executive
Vice President of
Academic Affairs

Team: Steering Committee

Cas D'Angelo
Associate Vice President of IT & Chief
Operating Officer
Office of Information Technology

Didier Contis
Interim Chief Information Security Officer
Office of Information Technology

Dwayne Palmer
Executive Director of IT Strategic Initiatives &
Governance
Office of Information Technology

Jennifer Rhodes
IT Project Manager, Principal
Office of Information Technology

Jim Pete
Executive Director of Digital Business
Office of Information Technology

Jodi Geary
Chief Audit Executive
Internal Auditing

Katie Crawford
Enterprise Applications and Data Integration
Office of Information Technology

Lew Lefton
Assoc. VP for Research Computing, EVPR
Asst. Dean for IT, College of Sciences

Malynda Dorsey
Director of IT Marketing & Communications
Office of Information Technology

Melissa Hall
Deputy Chief Ethics Compliance Officer &
Director of Investigations
Investigations, Ethics, Compliance

Michelle Thackray
Consultant
Georgia Tech Strategic Consulting

Raj Vuchatu
Information Officer
GTRI

Rashidah Bahar
IT Project Manager Principal
Office of Information Technology

Susann Estroff
Assistant Chief Counsel, Privacy
Office of General Counsel

Zachary Hayes
Associate Director of Data Governance
Office of Information Technology

Daren Hubbard, Chair

In the Works

Customer Engagement

(Ongoing throughout initiative)

- DataX.gatech.edu website launched
  - Data Governance website launched
  - Endpoint Security Compliance web content published
- Initiative introduced to greater GT community (Daily Digest, CIO Blog)
- Planning Road Show

Governance & Management

- Data Governance Policies – Presented to and approved by Cabinet; Awaiting President's approval to publish and socialize
- Data Lifecycle Policies - Out for campus comment; Will then present to Cabinet for approval

Security, Privacy & Risk

- An Endpoint Security Compliance Campaign has launched
  - Phase 1 ends September 30
  - Portions of Phase 2, which include inventory, are underway
- Fall Cybersecurity Awareness Training Underway; Ends Friday, Sept. 24

QUESTIONS?