CAMPUS IT PLAN SUMMIT

A CAMPUS-WIDE VIEW OF ADMINISTRATIVE DATA
MAY 24 - 25, 2022

Keynotes

Gender Data Enablement Overview:
Planning and Implementing the Collection of New and Sensitive Data

Bernie Geuy, Power of Design Services
Inge Margrethe Hansen, Director, Well-Being at Stanford & Weiland Health Initiative
Johanna Metzgar, Associate Vice Provost for Student and Academic Services and University Registrar
Corrie Potter, Associate Vice Provost and Director of Institutional Research & Decision Support

Accurate and inclusive collection and use of gender data are crucial to supporting our Stanford community and realizing our vision of being a campus where everyone is welcomed and included. During the past year, the Gender Data Enablement team has closely examined requirements and issues involved in collecting and using gender data in our systems. This presentation reviews the process that was followed and describes findings and lessons learned about adding new, sensitive information to our systems.

Data-Informed Decision Making in the School of Engineering

Scott Calvert, Senior Associate Dean for Administration, School of Engineering
Tom Kenny, Senior Associate Dean for Student Affairs
Kathryn Potts, Director of Analytics, School of Engineering

Stanford Engineering's Analytics team supports faculty and staff leadership in using data to make decisions, answer questions, and tell stories, leveraging any data sources that emerge as important in delivering our education and research missions. Members of SoE's faculty and administrative leadership and the director of analytics will share recent examples of how cross-functional Stanford administrative data, in partnership with local expertise, have supported key operational goals relating to graduate student funding and staffing levels.

Stanford

Using Data at Stanford
Making our Data FAIR (Findable, Accessible, Interoperable, and Reusable)

Doug Berman, Data Governance Program Director, IR&DS
Sean Brandt, Interim CIO, H&S Dean's Office
Tom Cramer, CIO, Stanford University Libraries
Tim Rogers, Senior Data & Analytics Architect, H&S Dean's Office
Karen Tong, Business Intelligence Analyst, Financial Management Services

Panel discussion to share our understanding of data catalogs, initiatives underway, and their niche in the Stanford data and analytics landscape.

Location Intelligence - the Science of Where!

Supriya Bhagwat, Project Management Manager - IT, Land, Buildings and Real Estate
Charma Rose Daniel-Vogt, IT Business Data Analyst,Office of Facilities Planning & Management, School of Medicine
Dobie Howard, Manager, Facilities Information Service, Land, Buildings and Real Estate
Karen Huynh, Data Analyst, Land and Buildings Operations
Wilson Lee, GIS Manager, Land, Buildings and Real Estate
Swati Prabhu, Associate CIO, Land, Buildings and Real Estate
Morgan Sommer, Geospatial Analyst Mapping Technichian, Land, Buildings and Real Estate

Most data points are linked to physical locations and times. However, location isn't just the common thread connecting disparate data sources and breaking down silos—often, it provides the most transformative insights. Location Intelligence provides a framework to manage, visualize, analyze, and ultimately understand the significance of location information. Hear about this campus-wide program and learn from colleagues about the use cases and examples of how data impacts all of us! This presentation will be just the beginning of a whole world of insights into maps, space management, drones, transportation, emergency management, operational efficiencies and quite simply the "Science of Where."

University Archivist

Josh Schneider, University Archivist, Stanford University Libraries

The Stanford University Archivist will share opportunities for records management at Stanford.

Stanford

Data In: The Importance of the Folk at the Beginning of our Data Journeys

Jessica Muehlberg, Ph.D., Associate Registrar, Curriculum Management & Scheduling, University Registrar

When we think about improving reporting and analytics, the focus often goes to 'How good are our dashboards?", "Who has the best data cleaning algorithms?", or "Do the decision makers have access to the right data at the right time?". However, I would argue that we tend to overlook the importance of ensuring that the act of creating raw data is also just as important, if equally unglamorous, as the flashy well designed dashboard. Data sometimes enters our systems in the most mundane of ways, frequently by administrative users in their daily operational activities. Over the last three years, the Registrar's Office has spent time trying to understand the nuances and variations of these activities across our disparate departments and systems. The ultimate goal is to not only improve the quality of the data entering our systems, but also the day to day experience of the users responsible for these tasks—minimizing the number of times and systems data needs to be entered into and improving the general experience and efficiency overall. This presentation will review what we have learned so far in our Connected Curriculum project and offer the opportunity to discuss how Stanford may think about the 'Data In' step more systematically.

Breakout Sessions

Tableau at Stanford

Margaret Fox, Organizational Insight Analyst, H&S Dean's Office
Judy Heng, Analytics & Business Analyst, Graduate School of Business IT
Tim Rogers, Senior Data & Analytics Architect, H&S Dean's Office
Asha Wahi, Senior Business Intelligence Analyst, Technology & Digital Solutions Business Analytics, Department of Medicine, School of Medicine

Learn about Tableau Prep and Tableau Data Catalog for curated data sets.

Ethics and Society Review

Charla Waeiss, Ph.D., Center for Advanced Study in Behavioral Sciences, Ethics and Society in Technology

Hear more about data ethics in connection to the earlier keynote about collecting gender data.

Stanford

When Data Meets Dom:
Practical Data Applications That Changed Business Operations

Jack Zeng, Director, IT Applications, Department of Medicine, School of Medicine

Get a better look at how data applications can change the way your business operates.

SIRIS Workshop

Justin Lind, Student Analytics Educator/Analyst of IR&DS
Jennifer Welden, Business Systems Analyst

What is SIRIS and how do people interact with it? This session will highlight data in SIRIS and gather feedback on future reporting needs.

Stanford Research Intelligence

Jacob Hill, Data & Service Manager, Digital Library of the Middle East of Stanford University Libraries
Peter Mangiafico, Digital Library Software Engineer & Specialist (Infrastructure)

Reporting on research outputs for administration, compliance, and intelligence is essential for research universities. So how can Stanford business offices efficiently and effectively track articles published, research data produced, and patents issued? Through its RIALTO research intelligence program, Stanford Libraries, in collaboration with other libraries and groups on campus, is using data from Stanford and third party systems to produce research analytics to support administrative and other research activities. By merging Stanford organizational information with advanced bibliometric search tools and techniques, we are producing research output reports focused on individuals, departments, centers, and facilities, and assisting others in running these queries themselves. This presentation will share examples of research intelligence data needs from Stanford departments, and sample outputs for various needs. Discussion may focus on broad needs for this type of data at Stanford, and how to incorporate this data more systematically in Stanford systems.

Compliance, IT Controls, and Data

Ranjita Chakrvarty, Director, IT Audit
Biniam Debrezion, Manager, IT Risk Management of the Office of the Chief Risk Officer Operations
Rose Huang, Senior IT Auditor
Doris Fung, Privacy Officer, Office of the Chief Risk Officer Operations

Information Technology Controls and Data: Assess controls to ensure the confidentiality, integrity and availability of data to meet compliance and regulatory requirements.

Stanford

MaIS: Organizational Manager

Sangeetha Chowan, IT Business Analyst, Enterprise Technology, UIT
Srinivas Pai, Senior Technical Manager, Enterprise Technology, UIT

Middle and Integration Services is part of UIT, Research and Middleware Systems (RAMS) team. The services and applications managed by MaIS are used by the campus community and by University business systems to manage enterprise data about people, organizations, courses, workgroups, and administrative access. This is a showcase of the Organization Manager, and the power of org-level data reporting across campus.

School of Medicine Data Management & Analytics Environment

Jonathan Davies, Director, Technology & Digital Solutions Business Analytics, Department of Medicine, School of Medicine
Don Mitchell, Director, Academic Application Services, Technology & Digital Solutions, Department of Medicine, School of Medicine
Jack Zeng, Director, IT Applications, Department of Medicine, School of Medicine

An overview of the School of Medicine Data Management & Analytics environment, highlighting TDS- and Department of Medicine-developed applications that leverage university administrative data.

New Federal Requirements for Grants and Research: Cross-Campus Collaboration Strategies for Data Management and FAIR Data Principles

Scott Edmiston, Director of Research Data Governance and Privacy (VPDoR)
Julie Williamsen, Assistant Dean and Executive Director of the Stanford GSB Library

New federal regulations on data security (NSMP 33) and sharing (NIH FINAL Data Sharing Policy effective 1/25/2023) profoundly affect campus IT infrastructure and management practices. Participants will learn about the new rules and be encouraged to share knowledge about cross-campus collaboration models enabling data sharing, data protection, and compliance consistent with FAIR and Open principles. What tools and resources are available to support faculty and staff? What are needs and gaps? How can we work better together?

Stanford