Keeping Everyone On The Same Page

IR and Data Stewardship

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Outline

What is data stewardship?

(and why does it matter to IR?)

Examples:

- **The 'faculty placemat'**

- **Race/ethnicity reporting**

- **Developing a data dictionary**

What is data stewardship?

Data governance is the formalizing of behavior around the definition, production and usage of data to manage risk and improve the quality and usability of the selected data.

Non-Invasive Data Governance, Robert Seiner, TDAN

Data stewardship is an approach to data governance that formalizes accountability for managing information resources on behalf of others and for the best interests of the organization.

Executing Data Quality Projects, Danette McGilvray

What is data stewardship?

Understanding about your data:

What is it?	Whose is it?	How does it behave?
Name	Responsible	Quality
Definition	Accountable	Usage
Examples	Consulted	Context
Derivation	Informed	History

Investing time in answering these questions can provide a valuable foundation for IR.

Challenges

"How many faculty do we have?"
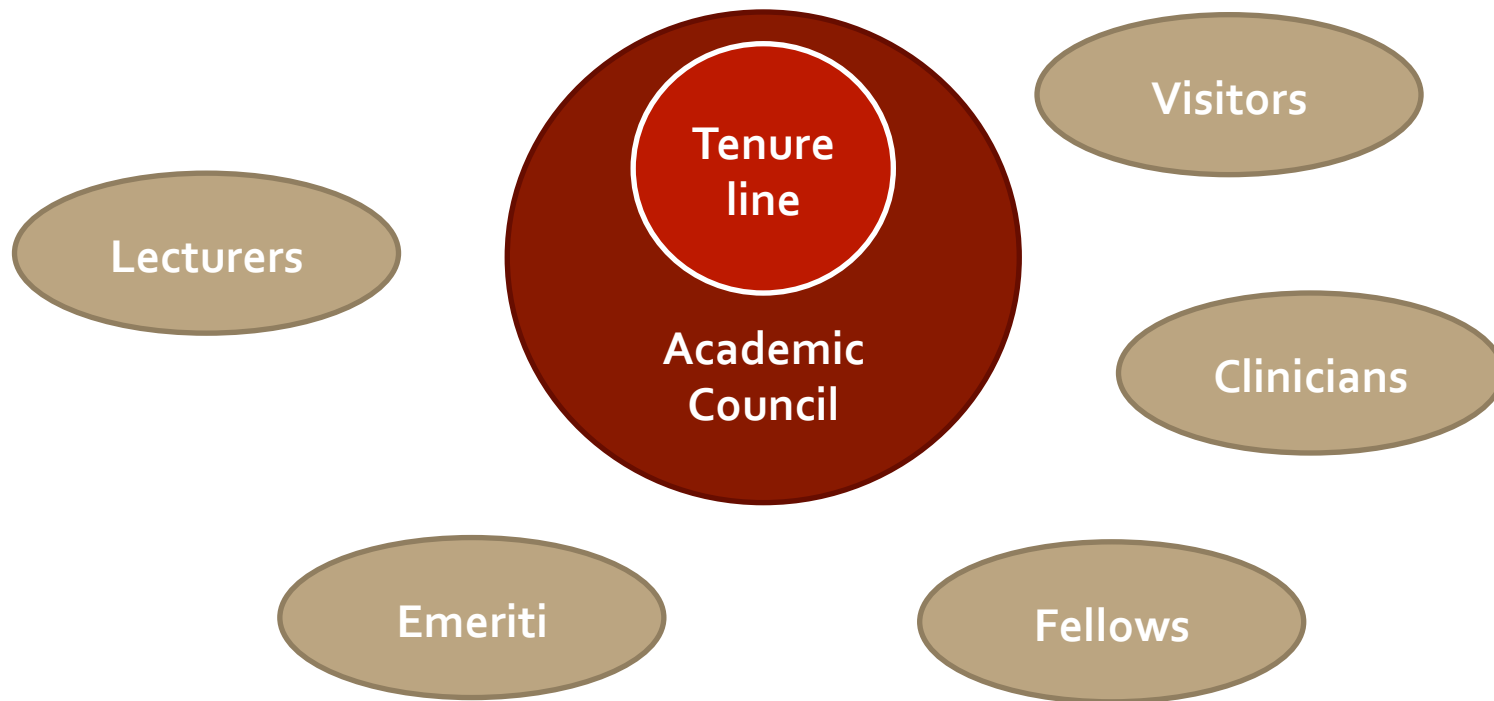
Example 1: The faculty placemat
...so we made this.

Process

Start with policy and data

Draft something

Review with stakeholders (clean up data along the way)

CHAPTER IV: THE PROFESSORIATE AND THE ACADEMIC COUNCIL

SECTION 1. The Faculty of the University consists of the President and the members of the Professoriate.

a) The Professoriate consists of (i) the Tenure Line faculty comprising assistant professors, associate professors and professors; (ii) the Non-tenure Line faculty comprising associate professors and professors (Teaching, Performance, Applied Research, Clinical[2]), and Non-tenure Line research faculty – research assistant professors; associate professor and professors (Research); (iii) senior fellows and center fellows at specified policy centers and institutes[4]; and (iv) the Medical Center Line faculty—assistant professors, associate professors and professors (MCL).[5]

b) The Academic Council Professoriate consists of the following: the tenure line faculty, the non-tenure line faculty, the non-tenure line research faculty, and senior fellows in specified policy centers and institutes.

c) The Academic Council consists of all members of the Academic Council Professoriate and academic administrative officers as follows: the Chancellor[6]; the President; the Provost; the Academic Secretary,[7] the Deans of Schools of the University[8]; and such similar academic officers that the Advisory Board shall, upon recommendation of the President and Provost, approve for membership in the Academic Council.[9,10]

FACULTY AFFAIRS
OFFICE OF THE PROVOST

Example 1: The faculty placemat
Value to IR

➔ **Increased consistency**

➔ **Increased understanding**

➔ **Faster decision-making**
   (less wheel-reinvention)

Useful at all stages:

- **Clarifying data requests**
- **Considering options (and consequences)**
- **Explaining definitions used in reporting**

Challenges

2010 federal reporting changes

- **The data look different now…what does that mean?**

Richer available data

- **With more options for how to aggregate… how to decide?**

Process

Working group of interested stakeholders

- Describe current practices

- Identify key questions

- Develop a packet of recommendations, supporting documentation

What we've learned (so far)

People really do want to:

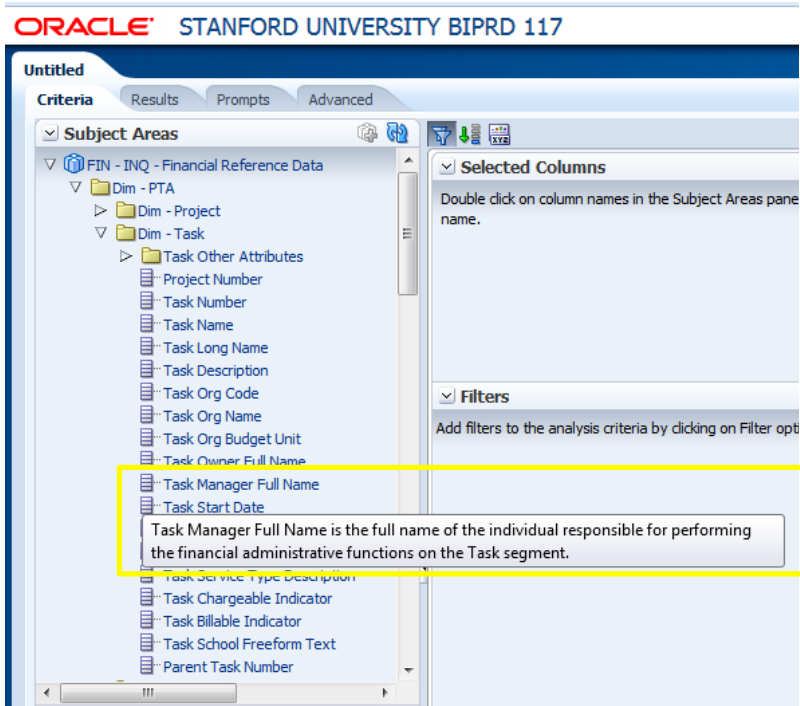- **Understand their data**

- **Use it consistently**

- **Work hard to make this happen**

Challenges

Major university BI reporting initiative

Goal: Define all elements

HR: **30**

Research: **60**

Student: **400**

Finance: **500(+)**

Interlude: KFP's background

Approach

SUDS-FIN, SUDS-HR, SUDS-SPO, SUDS-STU

- Data stewardship coordinator

- Project staff
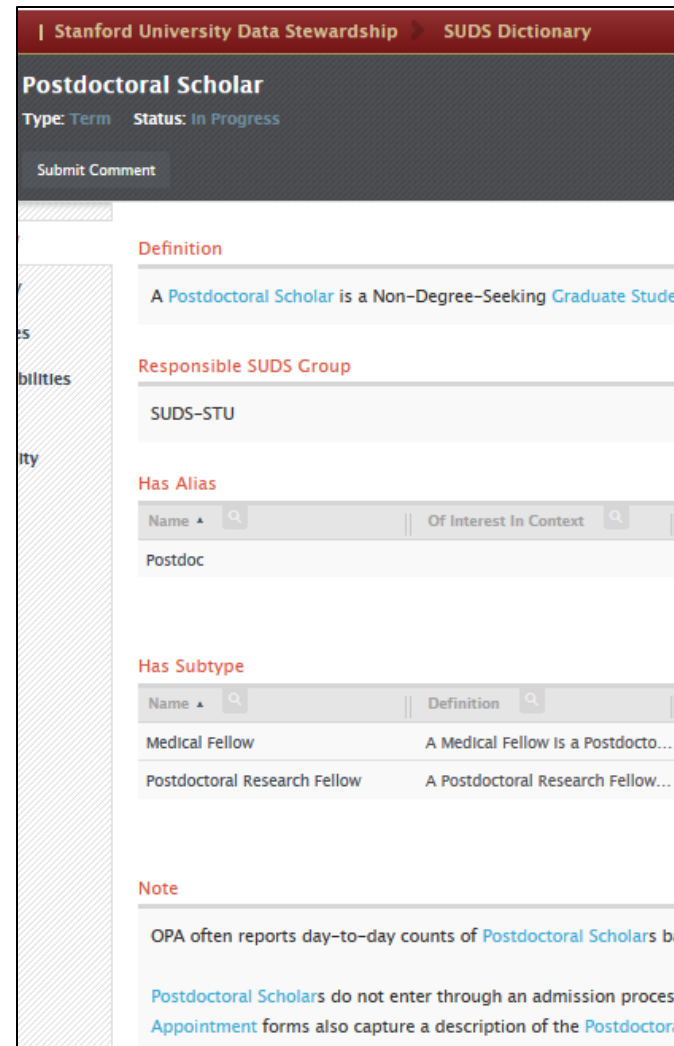
- Broad, cross-functional working groups

- Final signoff

Example 3: Data dictionary
Value to IR

Understand data from multiple perspectives

Central repository of verified information

(and better data infrastructure)

Key benefits of DS efforts for IR

- **Easier access to information; less reliance on 'oral tradition'**

- **Improved data quality, consistency**

- **Increased understanding, thoughtful decision-making around data**

Questions?