

# Evolving Scholarly Record and Evolving Stewardship Ecosystem

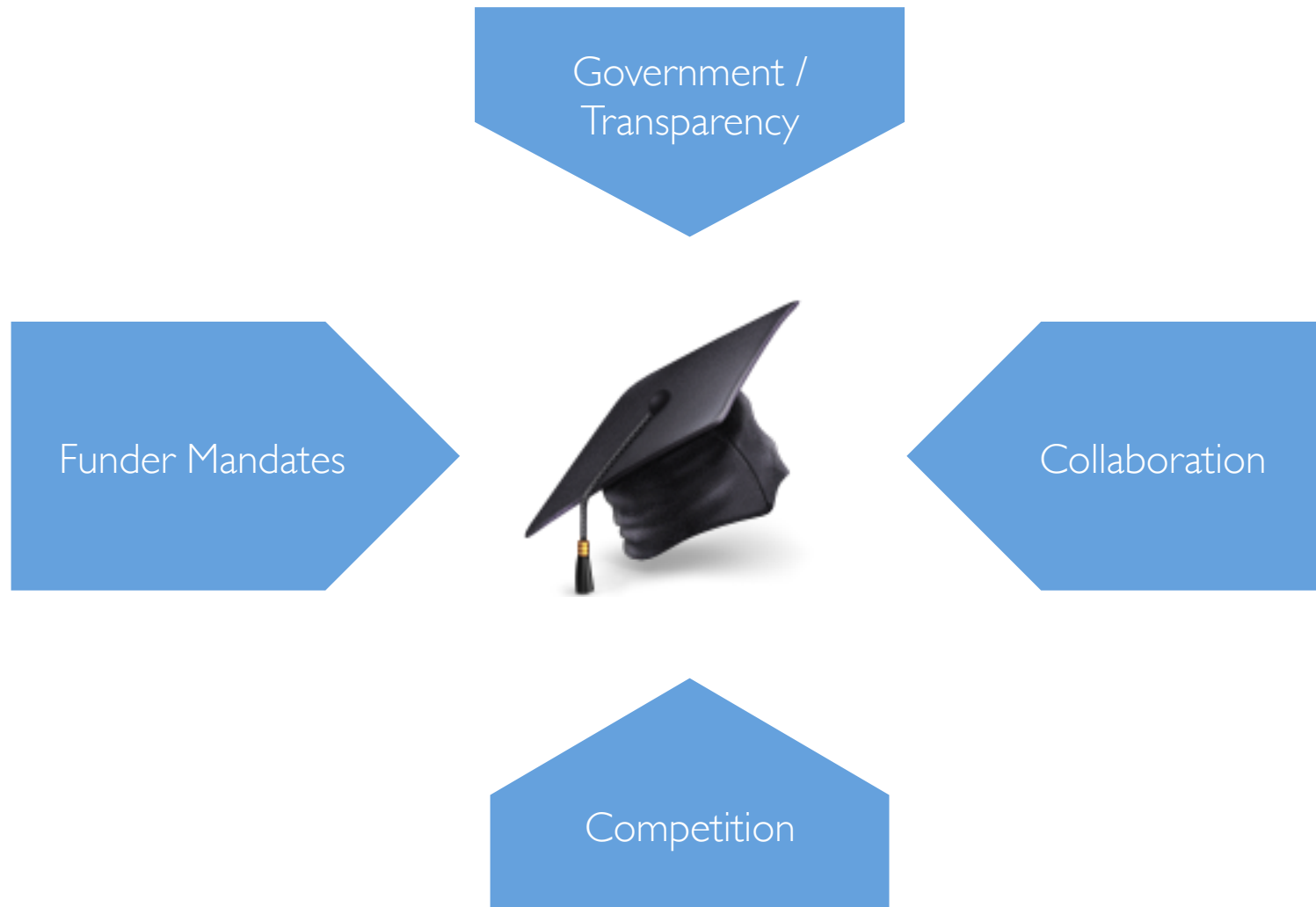
## The View from the Platform

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## Institutional pressures are increasing

A diversity of internal and external stakeholders are changing the way that institutions and researchers need to behave...



## More data and more varied data are available

An underlying pressure is that in the era of “big data” there is an expectation of greater transparency not only of research outputs themselves but also around the process of doing research...

The number of articles indexed in PubMed for which free fulltext is available within 3 years of publication is now over 800,000

*-- Imaginary Journal of Poetic Economics*

PLOS > 100,000 articles

arXiv > 900,000 articles

figshare exceeds > 1,500,000 datasets

12,000 new mentions each day on social media.

Each week 20,000 new articles shared...

...that's 1 mention every 7 seconds!

*-- Altmetric*

# Increased collaboration poses interesting challenges



First age - Individual

Second age - Institutional

Third age - National

Fourth age - International

Open proposals

# UCSF Open Proposals

*Enabling proposal & team development*

**OPEN  
SUBMISSION  
PHASE**

**OPEN  
IMPROVEMENT  
PHASE**

**REVIEW  
PHASE**

The screenshot shows the UCSF Open Proposals website. At the top, there's a navigation bar with links to 'University of California, San Francisco', 'About UCSF', 'Search UCSF', and 'UCSF Medical Center'. Below this is the 'medical education building bridges' logo. The main header area includes 'UCSF Open Proposals' and 'Powered by CTSI'. A search bar is present with the text 'Search this Opportunity'. The main content area is titled 'Bridges Challenge' and 'Your IDEAS building Bridges!'. It describes ongoing challenges related to the UCSF Bridges Curriculum. A section titled 'Challenges (2 total)' lists 'Developing Habits of Mind in Inquiry' as the first challenge, submitted by Kevin Souza on May 20, 2014. The challenge status is 'Open'. Below the challenge description, there are buttons for 'Read More', '2 Comments', 'Add New Comment', 'Follow This Proposal', and 'Follow All Proposals'. On the right side, there are sections for 'This Opportunity' (with links for questions, following proposals, and summaries), 'Browse by Topics' (listing curriculum topics), and 'Latest Comments' (showing recent user feedback).

Source: <https://open-proposals.ucsf.edu/>

## Impact



The new vogue in research evaluation is “impact”...

- Funder/government-led initiatives to ensure that we are getting value for the research that gets funded
- In many cases extremely hard to quantify
- Difficult to track / classify
- Challenging to get underlying data to map the pathway to impact

Identifiers are glue...but the number of glue types is dizzying!



Member  
Organization



ResearchGate

PROFILES  
Research Networking Software



Academia.edu  
follow research



## Closing remarks...

We're making good progress the “baseline” problems (paper disambiguation, person disambiguation etc) but in doing so new vistas are opening up as we can leverage our capabilities to do more.

Computer software and social networks diversify the nature of the information available

There is a serious need for authenticated, persistent identity

The answers to many of these issues probably sit with institutions

The Scholarly Record is becoming more complex not less complex...  
...and we need versatile, highly-skilled information professionals to help navigate the space and to work with academics to reduce their burden.