



*Build*

~

*Test*

~

*Share*

## NSF CC PI Workshop *Research Panel*

Rob Fatland, Director Cloud and Data Solutions

University of Washington

PI: Kelli Trosvig

October 18, 2016



# Leading Questions

- CE position: Characterizing the maven, the czar
- Greatest challenge/surprise? Implications? Results? (rq)
- *Unit* relationship with research community? (!hd)
- Ensure common success across this position title in our national community?
- Advice?



# eScience Institute at UW

**W** UNIVERSITY of WASHINGTON

Calendar News Contact Us



## eScience Institute

ADVANCING DATA-INTENSIVE DISCOVERY IN ALL FIELDS

<http://escience.washington.edu>



# Cloud Migration and BTS at UW

- Things researchers say...
  - I can't ask my researchers to [...] / We just want [...]
  - Can you help we write this proposal?
  - Does NSF / NIH / NASA fund cloud?
- Things we say...
  - Come visit the Data Science Studio!
  - Build ~ Test ~ Share ('there are more things...')
  - <http://cloudmaven.org>

IAM

PHI

IOT

Spark

\$\$\$

≡≡≡

API



# UW discussion with Chaitan Baru and Summary

- NSF is very interested in getting researchers to use cloud computing
- NSF is also interested in *understanding* how researchers are (not) using cloud computing, obstacles to adoption, PI behaviors/attitudes
- CB wants to build sticks and carrots into programs explicitly (begun!)
- There's a bigger vision here: A center of research cloud computing housed at UW to pool resources, provide support, study usage, negotiate deals, develop best practices, etc. And let's keep cloud  $\in$  data science.

Summarizing: Our work ( a ) is closely coupled with eScience ( b ) supported by this CI grant ( c ) looking past cloud to focus on the researcher and on the bigger 'build – test – share' arc.

