Supporting public access to scholarship

» Lecture

An open workflow approach to increasing research efficiency, reproducibility, and diversity

October 23 | 4:10 - 5 p.m. | 198 Parks Library
Professional success in academia is often gauged by what is publishable rather than what is rigorous, reproducible, replicable, and reusable --core principles critical to conducting high quality research. This has created a gap between scholarly values and scholarly practices. Openness is an effective approach to closing this gap while simultaneously increasing accessibility and diversity, but it is rarely incentivized.

This talk will present these issues and propose (1) moving beyond descriptions of outcomes to descriptions of process or the sharing of actual process (i.e., workflow) and (2) a practical solution to making openness as easy and automatic as possible via research workflow integration. Not only is workflow where scholars find day to day success within the current incentive system, but it is where the context critical to facilitating reproducibility, replicability, and reuse exists.

Reception to follow in 2nd floor rotunda.

» Workshop

Open Science Framework (OSF): A research workflow tool to support transparency and rigor in scholarship

October 24 | 10:30 a.m. - Noon | 134 Parks Library
Part of the challenge of making research more transparent and reproducible is logistical. Where and how can research be stored, organized, and shared most effectively when there are so many different tools, processes, people, and policies involved? This workshop will be a hands-on tour of the features of the OSF as participants create a reproducible project from start to finish.

The Open Science Framework is a free project management service and repository where researchers--using their own tools and processes--can collaborate within their research groups and choose components of their research for broader dissemination.

Register at vpresearch.iastate.edu

Jeff Spies
Dr. Spies is the co-founder and Chief Technology Officer (CTO) of the Center for Open Science (COS), a non-profit technology company missioned to increase openness, integrity, and reproducibility of scholarly research.