Open Science: a technological fix for 'care of the data'?

Kyle Harp-Rushing

PhD Candidate

Anthropology Department, UC Riverside

kharp001@ucr.edu

Juliet McMullin, PhD

Associate Professor, Division of Clinical Sciences

Associate Director Community Engagement, Center for Healthy Communities, UC Riverside
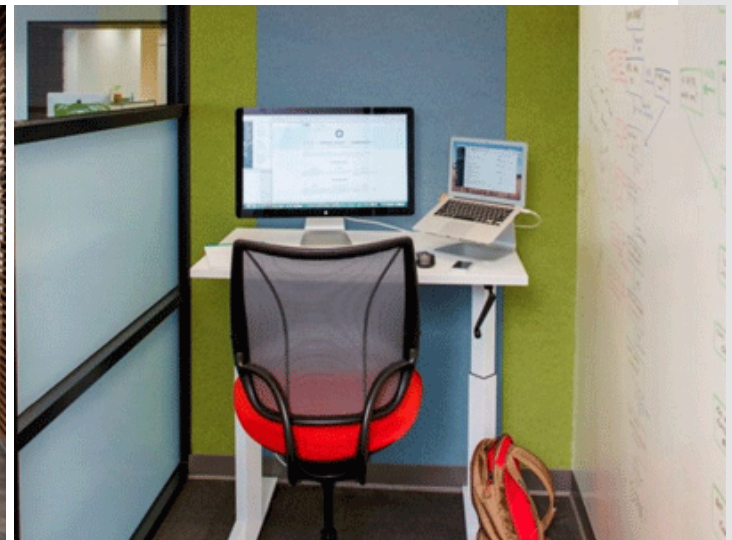
julietm@medsch.ucr.edu

Web Development

Metascience

Community Relations

How does Open Science become a matter of ethical sociotechnical design?

Open Innovation by Design
Images - http://www.pyeinteriors.com/corp_openscience.html

Modular Science by Design

GIF generated from "Getting Started With the Open Science Framework"
https://www.youtube.com/watch?v=2TV21gOzfhw

An Open Access Digital Repository for a Post-Biodiverse Age
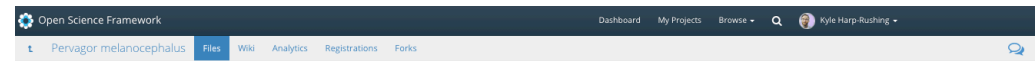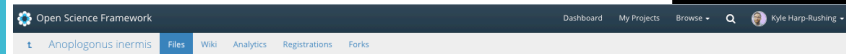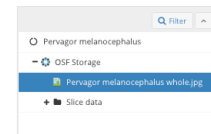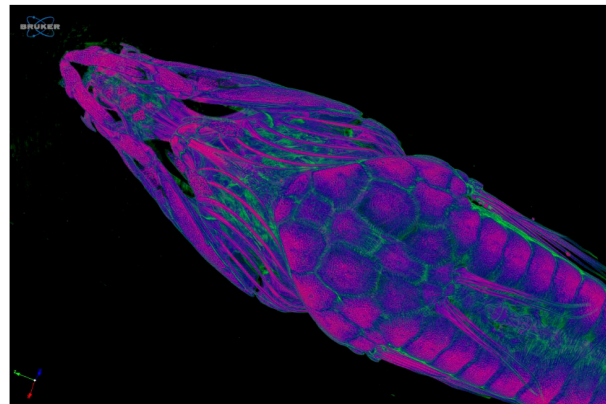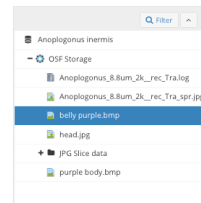
Screen Captures - Summers, Adam P, and Malorie Hayes. 2016. "CT Scans." Open Science Framework. August 24. osf.io/ecmz4.

Mapping Sociotechnical Contexts of Lab Science Practice

iREDS FAQ us

h

Screen capture from OSF-hosted iREDS project (Private)
http://graduate.ucr.edu/iREDS.html

Conclusion/ Provocation

- "Automated Archiving and Radically Open Science"

Thank you.

References

Daston, Lorraine. "The Moral Economy of Science." *Osiris* 10 (1995): 2–24.

de la Bellacasa, María Puig. "Matters of Care in Technoscience: Assembling Neglected Things." *Social Studies of Science* 41, no. 1 (2011): 85–106.

Fortun, Kim, and Mike Fortun. "Scientific Imaginaries and Ethical Plateaus in Contemporary US Toxicology." *American Anthropologist* 107, no. 1 (2005): 43–54.

Fortun, Mike. "For an Ethics of Promising, or: A Few Kind Words about James Watson." *New Genetics and Society* 24, no. 2 (August 2005): 157–74. doi:10.1080/14636770500184792.

Murphy, Keith M. *Swedish Design: An Ethnography*. Expertise : Cultures and Technologies of Knowledge. Ithaca: Cornell University Press, 2015.