

Evaluating the Use of **FHIR** in Clinical Research

a.k.a., Research on **FHIR**



Fast **H**ealthcare **I**nteroperability **R**esources

Blazing a trail: Our project


- Review EHR data in the SyntheticMass Synthea database (clean EHR data)
- Extract both FHIR and CSV formats
- Populate selected domains noted in the CDISC Diabetes TAUG
- Provide annotated CDASH “CRF” to clearing show the mappings
- Prepare a White Paper detailing the project



**Computational Science
Working Groups**



Blazing a trail: Why we want to do it

- *True* eSource (such as EHRs) data are sorely needed in clinical research
- **FHIR** Resources are similar to the structure used in CRFs and should make it easier to extract
- If we *really* want to get to bi-directional data integration (Healthcare  Research), **FHIR** is a solution



**Computational Science
Working Groups**



So if you have a **burning passion**
to improve Clinical Research, join
us at the camp**FHIR**

Trisha Simpson (UCB) & Chrissy Johnson (Pfizer)

**The premier community for people
working in the biometric area**



 phuse.eu

 [@PhUSETwitta](https://twitter.com/PhUSETwitta)

 [/PhUSE](https://facebook.com/PhUSE)

 phusewiki.org