TOMMIE
SCIENCE
DMZ

William Bear
Ed Clark
Eric Tornoe
SCIENCE DRIVERS

Dr. Tom Hickson - Geology
3-Dimensional Imaging - Bringing the Landscape into the Classroom
Regular movement of <1TB datasets

Dr. Josh Layfield - Chemistry
Chemistry at the Interface Between Two States of Matter
daily movement of 100's of 1Gb files

Dr. Anthony Borgerding - Biology
Proteomics: Identifying Proteins Present in Biological Samples
Daily movement of <10Tb mass spectrometer data
**Timeline Year 1**

- **Oct. 2018**: Requirements deep dive with Faculty
- **November**: Meeting with local tech teams
- **November**: Core network refresh complete
- **January 2019**: Begin co-design with U of M
- **March**: Design complete
- **April**: RFP Hardware & Fiber
- **May–June**: Deployment planning
- **July**: Deployment Start