Research Data Security Team

Activities

At the end of 2017, PRDN technical resources included 70 TB of storage, 2 GPUS and 500+ cores across 35 research VMs, and we’re provisioning 15 new VMs for Fuqua’s MQM program. We’ve worked with 77 data providers, some of them on multiple projects.

Researchers supported

Research projects supported

Compliance requirements supported

Research IRBs and DUAs supported
2017: A Brief Review

This has been a very busy year for the RDS team, and all indications are that we will be even busier in 2018. Some of our work:

- Completed an audit process with Duke Internal Audit which determined that the PRDN is compliant with NIST 800-66 (HIPAA), but not yet with 800-171 (coming in 2018). It is not clear whether the University will invest in creating an 800-171 compliant environment for research, but SSRI will have an implementation plan if needed.
- Academic program support doubled this year and will grow more next year: We supported 8 Data+ project teams, began scaling operations to support 30 Fuqua MQM capstone project teams in early 2018, and began planning to support SSRI MIDS capstone projects in 2018.
- Worked with University Counsel to revise the PRDN Terms of Use agreement and statement of researchers’ responsibilities.
- Formalized agreements and support for small data repositories in the PRDN.
- Participated extensively in planning and process development for PACE in DHE and assisting University researchers with obtaining access to PACE and DHE data.
- Continued to support the research needs of SSRI’s affiliated centers and researchers, with all types of research data, whether or not they use SSRI resources.
- Assisted researchers in obtaining access to protected data in enclaves at UMichigan and UChicago (ISR, Chicago Booth & NORC).
- Participated in ImPact and Big Data hub grant operations.
- Planning the creation of an SSRI Social Determinants of Health data for collaboration with EHR providers – first phase is a 2018 Data+ project with MURDOCK and Cabarrus county.