

**Strategic Goal #2: OneIT will enable and accelerate research and interdisciplinary collaboration by providing a campus-wide framework that is responsive to the needs of the research community.**

Key: Initiative requires funding and/or people resources beyond operating budget

Strategy	Activity Description	2H - FY20 (Jan - Jun 2020)	1H - FY21 (Jul - Dec 2020)	2H - FY21 (Jan-Jun 2021)	1H FY22 (Jul - Dec 2021)	overlap or interdependency with other council domain	"Priority: Level 1: high priority; high commitment Level 2: subject to longer timeframe if constraints increase/shift"	Comments	
A. Provide robust research computing infrastructure, services, and training that meet current and future needs of the research community.	HPC	Evaluate new HPC model and modify as needed. (Glenn Johnson/J. Hetrick)					Level 1	Moving HPC to a continuous integration model, vs. fixed iterations every few years.	
		HPC Scheduler Evaluation (B. Brus and J. Hetrick)	Implement new HPC scheduler (B. Brus and J. Hetrick)				Level 1		
	Data Analytics and AI	Onboard new Data Science Consultant. (D. Tang)						Level 1	
		Develop Container Registry Service for Research (G. Johnson / J. Hetrick)						Level 1	IT staff from Engineering and CS reached out to us recently, asking for guidance / best practices on deploying containers. Envision a shared registry to store, share containers along with some documentation and best practices.
		Evaluate and implement service improvements on Interactive Data Analytics Service (G. Rudderham, C. Johnson)						Level 1	May have use cases outside of Research. Open to rescoping or coordinating with others. Biggest issue right now is how to deploy Rstudio for researchers
	Evaluate need for high end machine learning platform. (J.Hetrick / D. Tang)		Deploy high end machine learning platform, if need is established. (J. Hetrick)				Level 2	Researchers have enquired about the availability of dedicated high end ML platforms. We've been putting GPUs into Argon for ML. These platforms are engineered for GPU and much more powerful. However, not sure if they "want" it or "need".	
B. Identify and execute projects that decrease administrative burden on the research community.	Self service & Automation	Convert additional RS services to self service. (Genevieve Johnson)					Level 1		
C. Develop a campus-wide framework of IT support and services for supporting research. Recognize the diverse, unique needs of research and scholarly work, and simplify and improve the experiences of all partners in the research enterprise.	Research Workforce Development	Investigate methods for fostering a more diverse research computing and research facilitation talent pipeline. (J. Hetrick / D. Tang)				8. IT Workforce of the Future	Level 1	Good HPC and facilitator talent is hard to recruit. Need to do this. "Research Framework" revisited	
	Developing a OneIT Research Support Framework.	Engage OneIT community about needs and opportunities to better support research. (D. Tang)	Review mechanisms for improving inclusion of OneIT staff in Research Computing decisions. (D. Tang)	Implement identified changes. (D. Tang)		Goal 7. IT Evolution	Level 2		
		Explore opportunities to better integrate specialized research support. (D. Tang)	Implement Specialized research support service. (D. Tang)					Level 2	Revisiting the need for a "specialized" (vs. core and common) support service.
D. Develop and improve services that remove barriers to research collaboration	Globus Data Sharing	Purchase and configure Globus Research Data Management service. (J. Hetrick)	Deploy Globus. (J. Hetrick/J. Saxton)				Level 1	Globus is a data management service, enables easy access and sharing of research data across multiple platforms.	
E. Increase awareness and adoption of available research services and technologies.	Improve communications	Evaluate "Research Services" brand and opportunities to better advertise services and value proposition to campus. (E. Leake / D. Tang)	Implement changes, as necessary. (E. Leake / D. Tang)				Level 1	This is the project that we want Elizabeth to work on.	
F. Develop research analytics and business intelligence (BI) tools to help guide the university research portfolio.		Develop Research Profile Data Mart (A Haddy, J Heath, J Jimenez, J Lassner, B Ulin)				Cross listed with Administrative/Dat a Systems Council			