

## Research Council Roadmap - Updated February 4, 2019

Strategic goal # 2. Research - 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.

Strategy	Focus Areas	1H - FY19 (Jul - Dec 2018)	2H - FY19 (Jan-Jun 2019)	1H - FY20 (Jul - Dec 2019)	2H - FY20 Jan - Jun 2020)	Comments	overlap or interdependency with other council domain	Priority: Level 1: high priority; high commitment Level 2: subject to longer timeframe if constraints increase/shift	
A. Provide robust research computing infrastructure, services, and training that meet current and future needs of the research community.	HPC	Hire two staff to backfill HPC vacancies. (J. Hetrick)	Onboard new staff. (J. Hetrick)					Level 1	
		Prepare for implementation of new HPC model. (Glenn Johnson)	Implement new HPC model. (Glenn Johnson)	Define next set of HPC compute nodes with input from community and begin deployment. (Glenn Johnson/B. Rogers)	Evaluate new HPC model and modify as needed. (Glenn Johnson/B. Rogers)	Neon compute nodes decommissioned - January 2021		Level 1	
	Data Analytics & AI		Glenn Johnson begins transition towards focus on Research Software Support (including AI). (J. Hetrick)	Glenn Johnson completes transition while retaining HPC architecture role. (J. Hetrick)					Level 1
			Kang Lee transitioned to focus on supporting campus Data Analytics & AI. (B. Rogers)						Level 1
		Hire interactive systems lead. (J. Hetrick)	Onboard interactive systems lead. (J. Hetrick)						Level 1
		Additional GPU accelerator type support in HPC. (J. Hetrick)	High end machine learning platform deployed. (TBD)	New data analytics platforms deployed. (K. Lee/C. Johnson)	Evaluate uptake of platforms and modify as needed. (K. Lee/C. Johnson)				Level 1
	Version Control	Complete Github service review. (S. Ramadugu)	Implement changes based on service review. (S. Ramadugu)						Level 1
	Data Storage		Joint service review of Research Data Storage & Large Scale Storage services. (B. Rogers/J. Hetrick)	Findings of service review implemented. (B. Rogers/J. Hetrick)					Level 2



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C. Develop a research. Recog simplify and i		Review mechanisms for improving inclusion of OneIT staff in Research Computing decisions. (B. Rogers)	Implement identified changes. (B. Rogers)					Level 2

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D. Develop and improve services that remove barriers to research collaboration.	Globus Data Sharing	Complete review and purchase of Globus. (B. Rogers)	Globus deployed. (I. Hetrick/TBD)					Level 2
E. Increase awareness and adoption of available research services and technologies.	Improve communications	Joint hire Research Services and Informatics Initiative for temporary Communications Manager. (B. Rogers)	Onboard staff member and begin development of communications plan. -(B. Rogers)	Execute communications plan. (B. Rogers)				Level 1
F. Develop research analytics and business intelligence (BI) tools to help guide the university research portfolio.		Create new research administration reporting system for Pre-Award data and integrate into existing systems for ease of discovery and use. (J. Jimenez)	Aggregate pre- and post-award data plus other relevant research-related data to create a comprehensive research administration dashboard and serve as a platform for more advanced analytics. (J. Jimenez)	Develop Research Profile data dashboard, visualizations, and analytics. (J. Jimenez)			Cross listed with Administrative/Data Systems Council	Level 1?