

# Planning for Technology in Research Proposals

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February 24, 2022

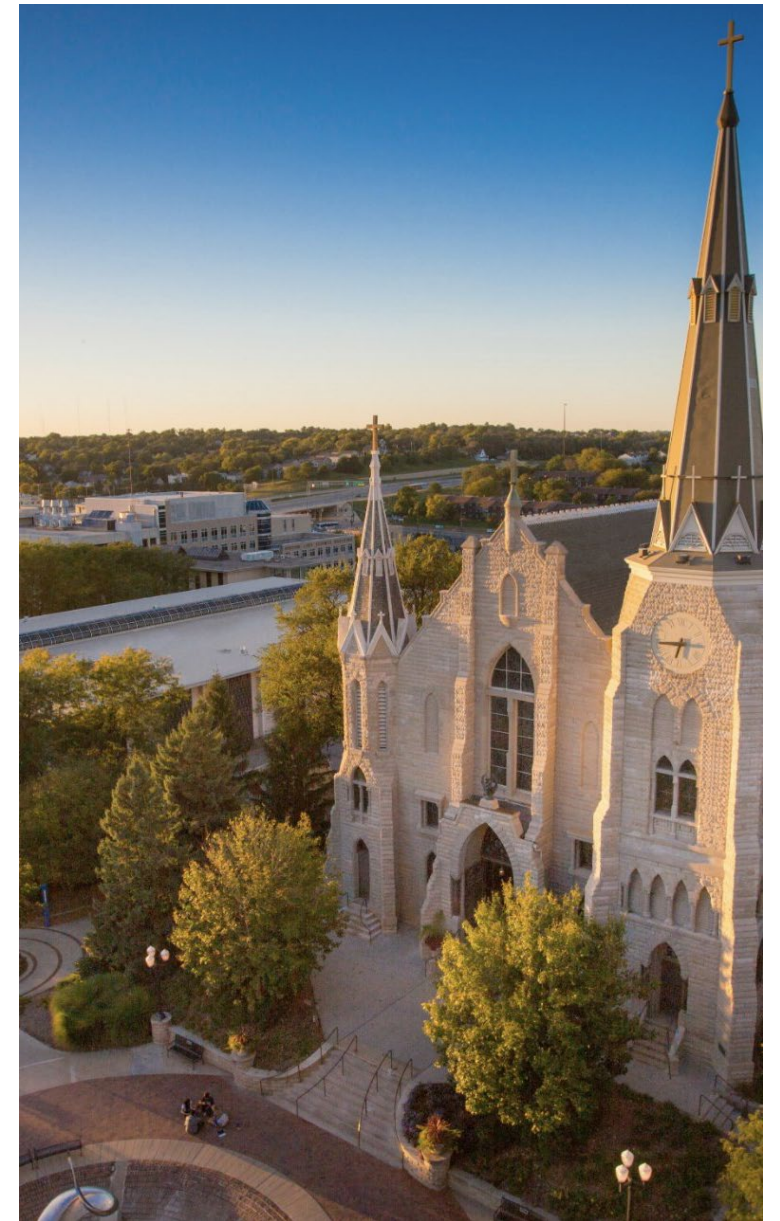
Creighton  
UNIVERSITY

# Agenda

- Background
- What is available/provided for you today
- Planning Considerations
- Budget Considerations
- Engaging with IT
- Q & A

# Background

- Demands on IT resources (physical and technical) are always high and ensuring that the needs of research community are met as best possible is core to the University's mission.
- There is often an assumption our planning that IT is free, because most people never see those costs. However, it far from the case.
- There are support resources that are already provided through IT and the University community that do come with little to no costs for researchers and projects.
- There are also items that need to be evaluated and potentially included in the research budget proposal to ensure that the needs of the PI(s) and grant obligations can met.
- We in the Creighton IT organization want to partner with you in the process to ensure that we not only meet your needs but help to enable you and your project's success.



# What is available/provided for you today

*There are a number of items already provided through IT or through University units that can be leveraged by your projects at no additional costs.*

## Available through DoIT

*Just contact the IT Service Desk*

- Network (Installed) – Hardwired or Wireless
- Device - Desktop/Laptop Support
- Basic Desktop Phones
- Basic File Storage (SharePoint, DFS (BlueDrive), Microsoft One Drive)
- Survey Software (Qualtrics)
- High Performance Computing (HPC) Partnership with UNO
- Email & Office Software – Guest accounts are available as well.
- Zoom (Webinar Licenses are available)

## Available through AIR (Analytics & Institutional Research) - Contact Melissa Bertlesen

- University Data Sets (Through AIR & IT)
- Tableau Licenses (negotiated cost)

## Available through Library

- **COMING SOON**
  - RedCap Consortium Access

# Consideration for Planning

*Engagement IT can help you assess the following items and ensure that roadblocks can be addressed*

- **Workspace**

- Number of Resources in the Workspace
- Number of devices & types of connection
- Printing Needs separate of your department
- Audio Visual Requirements

- **Data & Throughput Requirements**

- What type of data will you be working with (Health, Private, Academic, etc.)?
- Volume of Data – How much data will be needed, generated, how long will you need to retain it?
- Large data set throughput – How much data will you be moving around the network regularly?

- **Hardware & Software**

- Do you need specialized research equipment?
- Do you need specialized computing equipment (Workstations, Servers, Power, etc.)
- Do you need software or external (cloud) applications?

- **External to Creighton Resources**

- Will people outside of Creighton (joint research, partners, contractors) need access to Creighton systems or require account.

# Consideration for Planning (Cont)

*The grant timelines are tight and often the ability to hit the ground running is critical, so working ahead is key.*

- **Supply Chain & Ordering**
  - Getting Quotes
  - Getting into the Queue
- **Contract Processes (Software or Contractors)**
  - Vendor Setup
  - Intellectual Property
  - Ownership
  - Duplication
- **Infrastructure Work**
  - Space Changes
  - IT Infrastructure Changes
  - Firewall Changes
- **Server Setup & Configuration**
  - Security, Software, etc.

# Budget Considerations

*Outside of the what is provided for you, there will need funding requested or identified.*

- **Infrastructure & Workspace**
  - Spaces Changes (Power, Additional Network Drops) – These all need estimates and funding is required to make the appropriate changes. These may need to be added to the budget.
- **Data & Throughput Requirements**
  - Data Storage - Large Volume data storage will require funding. Cost will be based on type of storage needed as well as duration.
- **Hardware & Software**
  - Desktops & Laptops specific to the grant/project will need to be included.
  - Any non-standard equipment (lab, computing, etc.) needs to be budgeted.
  - Software not provided by the University needs to be budgeted.
  - Outside Support for non computing equipment may need to be budgeted as well.
  - Servers (if needed) have setup and software licensing costs as well that will need to be added into budget proposals.
- **Administrative/Resource Costs**
  - If any of the infrastructure requires more than half time administration, then contract resources may need to be added to the budget.
  - Development costs related to software, analytics, or HPC coding will need to be budgeted if not being done by other resources already included in your grant proposal.

# Engaging with IT

*We want to partner with you, and we are here to help assess needs with you*

- **When should I reach out to IT?**
  - *As soon possible. The earlier you reach out to us in the process, the more we can help you identify options, impacts, and costs.*
- **How quickly will IT get back to me?**
  - ***For standard (already available) requests**, the Service Desk will contact you back within a matter of hours to get details or address the support need.*
  - ***For new requests (where engagement is needed)** an IT resource will typically reach out to schedule time with you within 48 hours. The engagement could be just a few minutes or could take several days based on complexity and if vendors have to be involved.*



# Engaging with IT (Cont.)

*We want to partner with you, and we are here to help assess needs with you*

## To get started

1. Go to [myIT.Creighton.edu](http://myIT.Creighton.edu)
2. Click on the green box labeled “I HAVE A PROJECT REQUEST”
3. Answer a few questions and submit.

creighton-apps.easyvista.com/index.php?token=9whRnvSD0iM3DykdqFQ%2Fyg%3D%3D&timestamp=1465306866914&name=com.creighton.5707c758

Creighton UNIVERSITY

My Approvals 0

Open Tickets 2

Closed Tickets 20

My Equipment 1

HOW DO I... Print? Get email on my phone? Get rid of a Virus? Have a question? SEARCH HERE!

SOMETHING is **BROKEN**

Problems with your PC, printer, password, internet, or network access? We can help.

I **NEED** SOMETHING

Get software, request network access, order a laptop, phone or other device, and much more.

I HAVE A **PROJECT REQUEST**

We love ideas! Tell us about yours.

# Q & A