

# OIT Research Services & Support



## The Link Between Research and Technology

The Office of Innovative Technologies provides a variety of services to help with computing as it applies to research. From quantitative, qualitative, and geographic information systems support to high performance computing, we are here to help.

### OIT research services include:

- Analyzing data, including statistical consulting, qualitative analysis, geographic information systems, and machine learning.
- Designing studies or experiments, including determining sample size.
- Discussing ways to collect data, including designing web surveys, capturing websites, and importing third-party datasets.
- Discovering ways to explore data for useful patterns using graphics, interactive geocoded maps, and data visualizations.
- Co-authoring manuscripts to help write or edit your methods and results sections, including phrasing, tables, figures, and other strategies.
- Providing secure computing environments for research involving Protected Health Information (PHI) and Controlled Unclassified Information (CUI).
- Providing high performance computing (HPC) for research and teaching, including documentation, web resources, and training.

*More >*



## Learn About All OIT Research Services

Visit the OIT website for more research services available to the Knoxville campus.

[oit.utk.edu/research-services](http://oit.utk.edu/research-services)

### Workshops and Training

Enhance your research skills with OIT. Select from scheduled live workshops and OIT self-paced learning modules.

[tiny.utk.edu/research-training](http://tiny.utk.edu/research-training)

### Topics Include:

Basic & Advanced Statistical Methods  
Open Scientific & Secure Research  
Computing Resources

JMP • Matlab • Nvivo • Python • Qualtrics  
R & RStudio • SAS • SPSS • *and more*

## Research Software

Research software is available to most faculty, staff, researchers, and active students. The software available from OIT is centrally funded for internal teaching and academic research. Acceptable usage details are available on the OIT research software webpage.

There are four ways you can access research software:

1. Licensed on your computer
2. In OIT Computer Labs
3. From the Windows Terminal Server called Apps@UT (apps.utk.edu)
4. On Infrastructure for Scientific Applications and Advanced Computing (ISAAC)

[oit.utk.edu/research-software](https://oit.utk.edu/research-software)

## Assisted Publication

We have co-authored over 350 manuscripts. If you are looking for assistance with writing or editing your results sections, we can help!

[oit.utk.edu/assisted-publications](https://oit.utk.edu/assisted-publications)

## Web Surveys

OIT has over 20 years of experience in building and administrating online surveys and providing full statistical consulting services. We can help optimize surveys for online data collection, offer overviews on survey software, and provide guidance on building more difficult surveys.

[oit.utk.edu/websurveys](https://oit.utk.edu/websurveys)

## Guide to Sensitive Information in Research

It is essential to note that every researcher is responsible for the secure collection and handling of their data while adhering to UT policies, grant guidelines, and current federal regulations. To that end, this web-based guide aims to inform you about the various tools, products, and software packages applied in research and the security measures accompanying each of these computing environments.

[oit.utk.edu/sensitive-info](https://oit.utk.edu/sensitive-info)

## High Performance Computing

OIT provides high performance computing resources and services with ISAAC (Infrastructure for Scientific Applications and Advanced Computing). ISAAC includes Knoxville campus resources for research involving non-sensitive (ISAAC Next Gen & ISAAC ORI), and sensitive information (ISAAC Secure Enclave). Each environment has dedicated nodes, GPUs, memory, and storage.

OIT also supports faculty and researchers with proposals development that includes computing resources and professional services such as best practices for computing environments, analysis, and workflows.

[oit.utk.edu/hpsc](https://oit.utk.edu/hpsc)

## Connect with Us

### OIT Research Computing Support

[oit.utk.edu/research](https://oit.utk.edu/research)

### OIT High Performance and Scientific Computing

[oit.utk.edu/hpsc](https://oit.utk.edu/hpsc)

### OIT HelpDesk

[help.utk.edu](https://help.utk.edu) • 865-974-9900  
[oit.utk.edu/chat](https://oit.utk.edu/chat)

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[oit.utk.edu/about](https://oit.utk.edu/about)

### OIT Instruction and Research

Receive monthly information for instructors and researchers on services, events, and workshops.

### IT Weekly

For instructors, staff, and campus leaders who want to stay informed about current technology news at UT Knoxville.

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