Research Support Showcase

Presented by University Libraries
Co-sponsored by Research and Sponsored Programs
April 22, 2021
Welcome

• Kenneth Burhanna
  • Professor
  • Dean, University Libraries

• Douglas L. Delahanty
  • Professor
  • Associate VP for Research
Agenda

- Housekeeping – Ken Burhanna
- Data Management Planning & Data Visualization – Michael Hawkins
- Researcher Identity Support (ORCiD) – Yuening Zhang
- Statistical Consulting Software & Analysis – Kristin Yeager
- Innovation, Novelty & Patent Protection – Karen MacDonald
- Copyright & Publishing Support – Cindy Kristof
- Open Access Kent State (OAKS) – Mike Collura & Cindy Kristof
- Highlighting recently published research from Kent State – Mike Collura
- Q&A regarding your research support needs – Kara Robinson
Data Management Planning

- Michael Hawkins
  - Assistant Professor
  - Data Librarian
  - Head, Map Library

- **Topics for Review:**
  - Review DMPs
  - Data standards
  - Varying levels of experience
  - DMP Tool
Data Visualization

- Map it! - mapit@kent.edu
- Story Mapping
- Work with faculty research, the Kent community, and classes
- Expanding beyond geospatial data
- Interested in Visualizing your data - just ask!

Project: KSU Trash & Recycling Assessment

Project Summary: Created a GIS web application for use in Dr. Emariana Widner’s Conservation of Natural Resources class. The web application facilitates student-community engagement through the collection of spatial (location) data and attribute (quality) data on trash and recycling receptacles across the Kent State University campus. The data collected was used to inventory trash and recycling receptacles and to help develop better management practices across campus.
Researcher Identity Support – ORCID

• Yuening Zhang
  • Assistant Professor
  • STEM Librarian
  • https://libguides.library.kent.edu/ORCID-SciENcv

https://libguides.library.kent.edu/ORCID-SciENcv & https://orcid.org/
Statistical Consulting Software Support & Analysis

• Kristin Yeager
  • Manager, Statistical Consulting
  • Lecturer

• In this presentation
  • About Statistical Consulting at University Libraries
  • Software we support
  • Topics we can help with
  • What’s ahead in 2021-2022
About Statistical Consulting

• We help faculty, staff, and student researchers learn to use statistical and qualitative data analysis software through one-on-one consulting sessions, group instruction, and online tutorials
  • For software licensing/installation: software.kent.edu

• The service is free, and members from any discipline and any campus are welcome!

• Current faculty, staff, and student researchers can meet with a statistical consultant to discuss software questions, research methods, and statistical analysis
Statistical Consulting Software Support & Analysis
Software we support

- **Statistical Software**
  - SAS
  - SPSS Statistics
  - SPSS Amos
  - JMP and JMP Pro
  - Stata ($)
  - R/RStudio/Rmarkdown
  - GPower

- **Qualitative Data Analysis Software**
  - NVivo
  - Atlas.ti ($) [support coming soon]

- **Survey Software**
  - Qualtrics
  - REDCap [support coming soon]

- **Some support for related software**
  - Text mining
  - Web scraping
  - Structural equation modeling

Software denoted ($) is not licensed by the university; faculty/staff/students must purchase own licenses.
Statistical Consulting Software Support & Analysis

Topics we can help with

• How to set up & clean data
• How to approach choice of statistical analysis & how to interpret results
• How to design, set-up, distribute surveys in Qualtrics & use collected data
• How to compile qualitative data & begin coding in NVivo
• How to transfer results, tables, graphs into a manuscript or poster
Statistical Consulting Software Support & Analysis
What’s ahead in 2021-2022

• We will continue virtual consulting appointments over the summer
  • We are not sure yet about in-person consulting appointments for the Fall semester, but virtual appointments will continue to be an option even after COVID

• Summer is a great time to request virtual instruction!
  • We’ve done quite a few small-group Qualtrics workshops for different departments
  • Can focus on the topics your group needs for your project!

• We’re hiring! for a full-time graduate assistantship position AY 2021-2022
  • Seeking a doctoral candidate with strong data analysis capabilities
  • Know someone? Have them email kyeager4@kent.edu

• REDCap Support
  • Kent State has its own REDCap instance (self-hosted open source online survey platform). We building our capacity to do user support
  • You should use REDCap if: you are conducting online surveys and require HIPAA-compliant data security
  • Interested users should email cphit@kent.edu to request an account
Innovation, Novelty and Patent Protection

• Karen I. MacDonald
  • Associate Professor
  • Business & Entrepreneurship Outreach Librarian
  • https://libguides.library.kent.edu/c.php?g=1139240
Copyright & Publishing Support

- [https://www.library.kent.edu/copyright](https://www.library.kent.edu/copyright)
- Cindy Kristof
  - Associate Professor
  - Head, Copyright & Scholarly Communication

Copyright help for articles, books, theses & dissertations
- Do you need to obtain permission?
  - Or can you invoke **Fair Use**?
- Do you need to register your work with the U.S. Copyright Office?

Publishing
- What rights do you need to retain?
  - Negotiating your publishing contract
  - Course reserves
  - Pre- or Post-prints to self-archive
- Open Access - What does Open Access mean?
  - Finding an Open Access journal
  - What about Predatory Journals?
  - What are Creative Commons licenses? What does that mean?
Open Access Kent State (OAKS)

- [https://oaks.kent.edu/](https://oaks.kent.edu/)
- OAKS is Kent State’s Institutional Repository (IR)
  - Preserve and promote the intellectual output of the University
    - Our Communities
      - Each College and Department, Institutes, Regional Campuses
  - Feature academic work with unique digital collections
    - Our Collections
      - COVID Research - [https://oaks.kent.edu/covid19ksu](https://oaks.kent.edu/covid19ksu)
      - Ohio Winery Collection - [https://oaks.kent.edu/wine](https://oaks.kent.edu/wine)
      - Sanborn Fire Insurance Maps - [https://oaks.kent.edu/sanborn](https://oaks.kent.edu/sanborn)
  - Host Open Access Journals
    - The Journal of SPORT
      - [https://oaks.kent.edu/sport](https://oaks.kent.edu/sport)
Capturing Your Research Output

• **Mike Collura**
  • Assistant Dean for Technology & Branch Libraries

• **Harvesting your publication with “auto-fetch”**
  • ORCiD
  • Crossref DOIs
  • last name + affiliation search
    • "collura" + "affiliation=kent+state"

• **Citations are populated in OAKS**
  • Verified by staff before posted
  • Linked to pre-prints, post-prints or licensed content

[Image showing the OAKS website]
Sharing Your Research Output

• Research Digest
• Partnering with RASP
• Curated listing of recent publication via email

https://oaks.kent.edu/
Q & A – Your Research Support Needs

• What are your needs?
• How can we help?
Thank You

www.kent.edu