Taking a Grassroots Approach: Creating a Future for STEAM Based Research, Data, and Tools Support at the UCF Libraries

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Taking a Grassroots Approach: Creating a Future for STEAM Based Research, Data, and Tools Support at the UCF Libraries

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University of Central Florida Libraries

Midwest Data Librarian Symposium 2020
October 15, 2020
About the University of Central Florida

- One of 12 state public universities in the state
- Located about 10 miles east of downtown Orlando
- 69,525 students\(^1\)
- UCF was ranked top 20 most innovative universities in the US and placed top 50 in best undergraduate teaching and undergraduate research by *U.S. News & World Reports* in Sept. 2020 \(^2\)

The Path to Research, Data, and Tools Support at the UCF Libraries
STEAM Bootcamp Working Group & Campus Partners

UCF Libraries STEAM Working Group:

➔ Subject Liaisons
➔ Scholarly Communication Librarian
➔ Data Management Librarian

Campus Partners:

➔ College of Graduate Studies
➔ College of Sciences
➔ Graduate Research & Information Technology (GRIT)
Background

- Science & Engineering Librarians' interest & engagement with Data Services through attending conferences which led to the formation of a broader group.
- Data Management & Engineering Librarian - Office of Research:
  - NSF workshops on DMP Tool conducted for over 10 years.
- Graduate Workshops / Pathways to Success through Office of Grad Studies.
- Office of Scholarly Communication - Stay Savvy with Scholarly Communication / professional development on data topics (since 2015).
Pilot Workshop Series Overview

Four workshops over two semesters

➔ Fall 2019
  ◆ Planning Your Literature Review
  ◆ Flex Your Data Management Muscles

➔ Spring 2020 - *Cancelled due to COVID-19*
  ◆ Data Visualization Tools, Data Sources & Data Clean-Up
  ◆ Maximizing the Impact of your Data: Citation Metrics & Online Research Profiles
Assessing Pilot Workshop Series
In Taking a Closer Look...

➔ Aim & Scope
   ♦ Refined content and future workshops based on participating in the Research Data Management Librarian Academy (RDMLA), campus partnerships, and participating in Data Carpentries certification (https://www.canvas.net/browse/simmonsu/courses/research-data-management)

➔ Sustainability & Scalability
   ♦ Discussed how to sustain and scale workshops based on interest / increased requests

➔ Outreach & Marketing
   ♦ Discussed how to leverage campus partners to increase outreach and marketing, along with exploring other strategies to promote awareness and attendance at sessions
Workshop Series 2.0 & Future Plans

➔ Foundations of Data Management
  Spring 2021
  ✦ Finding Data Sources
  ✦ Working with Data
  ✦ Managing Data
  ✦ Maximizing the Impact of Your Data

➔ Data Visualization & Tools
  Summer 2021/Fall 2021

➔ Data Carpentries Workshops
  Spring 2021 & Beyond
Recommendations for Implementing at Your Own Institution
Consider an environmental scan (of your library & your institution)

Engage in learning opportunities

Leverage existing partnerships

Foster new partnerships

Leverage expertise & insight of data experts

Don’t try to do it all!

Start small and build program over time

- Be flexible and adjust as needed (communicate with your team)
Public Domain Image References

Thank you! Any questions?

Feel free to contact our team:

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