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Taking the Lead: How STEM Librarians Collaborated to Introduce Data Management Workshops at UCF

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Taking the Lead: How STEM Librarians Collaborated to Introduce Data Management Workshops at UCF



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University of Central Florida Libraries

STEM Librarians Collaborative 2021 Meeting
July 22, 2021

Background

How we started:

Science & Engineering Librarians interest & engagement with Data Services through the attending a STEM librarian conference which led to the formation of broader institutional group

What we did:

STEM/STEAM Bootcamp- Fall 2019/Spring 2020

- Literature Review
- Data Management
- Data Visualization & Tools * cancelled
- Impact of Your Data * cancelled

Foundations of Data Management - Spring 2021

- Finding Data Sources
- Managing Your Data
- Maximizing the Impact of Your Data

FEBRUARY 10, 2021 | 4:00 PM-5:00 PM

Foundations of Data Management: Finding Data Sources

Location

Online Session, please see registration link for details.

Description

Data and statistics play an important role in conducting research, yet understanding how to find, analyze, and manage these can be complicated. If you are interested in developing data skills, this workshop will provide introductory information to aid you on your path to being a data expert. The workshop will introduce the basic concepts of data, its importance in research, and how to find quality data in different disciplines. Subject resources in select areas such as science, engineering, social science, government, and humanities will be covered in this session.

Presenters



Sarah Norris



Ven Basco



Sandy Avila



Corinne Bishop



Rich Gause



Missy Murphey



UCF

Partnerships Developed

UCF Libraries STEAM Working Group:

- Subject Liaisons
- Scholarly Communication Librarian
- Digital Initiatives Librarian



Campus Partners:

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

UCF Research Cyberinfrastructure (RCI)

Software

Workshops

Collaboration

News & Updates

<https://rci.research.ucf.edu/workshops/2021/>

*Partnership with GRIT led to two librarians getting Carpentries instructor certified



What's Next

President Cartwright's

2021-22 Strategic Investment Program

JUMP START FUND ACADEMIC EXCELLENCE FUND STUDENT SUCCESS FUND FAQs PROCESS, CRITERIA AND EVALUATION

Investing in Academic Excellence

President Cartwright's 2021-22 Strategic Investment Program invests in core academic activities to support the president's vision that UCF will become the world's leading public metropolitan research university. Faculty and staff are encouraged to submit proposals.

This initiative will award up to \$50 million during the current fiscal year to advance UCF's academic excellence, student success, and impact. The funds are a combination of \$30 million in central funds and up to \$20 million in matches from colleges and units.

Proposals are invited in three priority investment categories: the Jump Start Fund, Academic Excellence Fund, and Student Success Fund. Each fund has specific goals, submission requirements, guidelines, and deadlines.

Jump Start Fund

(\$5 Million Non-Recurring + Match)

The Jump Start Fund will fund research infrastructure, facilities, and other non-recurring funds

JUMP START FUND ACADEMIC EXCELLENCE FUND STUDENT SUCCESS FUND FAQs PROCESS, CRITERIA AND EVALUATION

Academic Excellence Fund

(\$8.5 Million Recurring + \$15 Million Non-Recurring + Match)

The Academic Excellence Fund is meant to support big ideas that will have substantial impact. University leadership anticipates selecting 3 to 5 proposals for funding. A total of \$8.5 million in recurring central funds and \$15 million in central non-recurring funds will be invested, plus unit matching funds.

Proposals need to clearly identify expected impact and return on investment for the university, describe expected outcomes, and provide a timeline for implementation. In addition, the strongest proposals in this program will:

- Include the commitment of additional new matching funds (recurring or nonrecurring, e.g., college/department carryforward funds, corporate partnerships, philanthropy)
- Build on areas of excellence and significant past investment

Proposals may request recurring funds and/or nonrecurring funds, as needed to achieve the impact and expected outcomes defined in the proposal. Recurring funds may be used for personnel, operating dollars, etc. Non-recurring funds could be used for start-up funds, equipment, renovation under \$2 million, etc.

If new hires are included as part of the proposal, they should be completed within two years (new hires in place by fall 2023).

Proposals must be submitted by September 10, and awards will be granted in October.

[Please submit applications here.](#)

Student Success Fund

(\$1.5 Million Recurring)

The Student Success Fund seeks proposals that will increase the retention, progression, graduation, and career success of UCF students.

Proposals need to clearly identify expected impact and return on investment for the university, describe expected outcomes, and provide a timeline for implementation. Proposals that improve 4-year graduation rates for FTIC students and 2-year graduation rates for full-time transfer students are highly encouraged.

- Continue our Foundations of Data Management workshops series & add new sessions to existing format
- Add Carpentries workshops with co-instructors in Graduate Research IT across the UCF campus
- Requesting recurring funds from UCF through our President's "Investing in Academic Excellence" program

Thank you! We look forward to the discussion.

Feel free to contact us:



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