Tools for Successful STEM Outreach in the Digital Plus Era

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Tools for Successful STEM Outreach in the Digital Plus Era

Sandy Avila
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ICoASL 2019
New Delhi, India
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Learning Objectives

- Define the role of today’s libraries in the digital plus era
- Outline 4 steps to improve your library’s impact
- Provide a STEM case study of success
What is the meaning of the digital plus era?
&
What are the implications for today’s libraries?
According to a Google search, “technology which increases the speed and breadth of knowledge turnover.”

Palfrey (2016) in *Design Choices for Libraries in the Digital-Plus Era* states there is an urgent need to, “keep up with rapid changes in the desires & expectations of citizens regarding the type and nature of information, services, and collections that a library provides.”
Four Steps to Improve Library Impact
1. Build
2. Collaborate
3. Network
4. Plan
1. Build

Partnerships

Relationships

“I can do that.”

“Let me look into it.”
The UCF Campus

- 68,000 students
- 2nd largest public university in the USA
- As Science Librarian, I cover 7 departments & serve 4,000 STEM students/faculty
Do not leave any stone unturned & Never be caught without your business card

Attend Faculty Center for Teaching and Learning Workshops

Meet faculty and staff at luncheons and social gatherings

Attend local conferences based on YOUR research interests

Look for departmental seminars/conferences/lecture series
Thesis/Dissertation Defenses

&

Research/Design Showcase

UCF's Institutional Repository-STARs
2. Collaborate
Textbook Affordability

Work with faculty to find alternatives to high priced textbooks

Locate library sourced materials and purchase DRM-free unlimited licenses

Develop unique problem sets or OERs (open educational resources) that can be shared
3. Network
Among Fellow Female Faculty at UCF
Sandy Avila, M.L.I.S
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Craig Amos, M.S.L.S
Reference/Subject Specialist Librarian for Science & Technology
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Kelly Grove, M.L.I.S
STEM Research and Learning Librarian
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4. Plan
Building off of Programming

UCF to Host Telescope Night for 1st Total Lunar Eclipse of 2019

BY ZENaida Gonzalez Kotala | JANUARY 15, 2019
Earth Day 2018
Plan for the future & keep up with the rapid changes
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....from Sandy the Science Librarian
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