Keys to Implementing Engaging Programming:
Innovative Ideas to Take to the Masses

Kelly Grove
Sandy Avila
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2018 SEFLIN Regional Conference
Libraries: The New Town Hall
July 27, 2017
HELPING PATRONS TRACK DOWN FUNDING
Research Support

How can we help you?

- Creating a Literature Review
- Creating and Implementing a Data Management Plan
- Proposal Editing
- Collaborator Identification
- Proposal Team Coordination
- Providing Examples of Successful Proposals
- Strategic Planning
Logistics

- Alternating locations:
  - Dirac Science Library
  - The lobby of a building housing 3 research centers

- Promotion:
  - General Email Announcement
  - Social Media
  - Calendar Event
Problems

- Location, location, location
- Communication
- Timing
Solutions

• Change in frequency
• Change in location
USING TECHNOLOGY TO CREATE A BUZZ
Sprinshare’s LibGuide Learning Tools Interoperability (LTI) Function

• Simple integration of library Research Guides into Learning Management Systems like: Canvas, Blackboard, Desire2Learn, Moodle, & Sakai

• Available through LibGuides CMS subscription

• Allows for seamless integration based on mapping LibGuide metadata to match course prefixes

http://buzz.springshare.com/producthighlights/platform/lti
Tracy Corey (Editor); Carol Henderson (Editor)
The Encyclopedia of Forensic & Legal Medicine comprehensively covers forensic and legal medicine (including related specialties and scientific, technical and legal issues) and is available online and in three printed volumes, offering any practitioner in a forensic, medical, healthcare, legal, judicial, or investigative field easily accessible and authoritative overviews on a wide range of topics.

Encyclopedia of Forensic Sciences by Jay A. Siegel (Editor-In-Chief, Editor); Pekka J. Sautkko (Editor-In-Chief); Geoffrey C. Knupfer (Editor)
Call Number: UCF Main Library Reference - 2nd Floor -- HV8073.E58 2000
The Encyclopedia of Forensic Sciences is the first resource to provide comprehensive coverage of the core theories, methods, techniques, and applications employed by forensic scientists. One of the more pressing concerns in forensic science is the collection of evidence from the crime scene and its relevance to the forensic analysis carried out in the laboratory.

Encyclopedia of Forensic Sciences by Jay A. Siegel
Forensic science includes all aspects of investigating a crime, including: chemistry, biology and physics, and also incorporates countless other specialties. Today, the service offered under the guise of "forensic science" includes specialties from virtually all aspects of modern science, medicine, engineering, mathematics and technology. The Encyclopedia of Forensic Sciences, Second Edition is a reference source that will inform both the crime scene worker and the laboratory worker of each other's protocols, procedures and limitations. Written by leading scientists in each area, every article is peer reviewed to establish clarity, accuracy, and comprehensiveness.

Encyclopedia of Forensic Science by Robert Gardner; Dennis Shortelle; Barbara Gardner Conklin
Call Number: UCF Main Library General Collection - 3rd Floor -- HV8073.C595 2002
If Sherlock Holmes had cracked the O. J. Simpson case, he would have done it with forensic science. Techniques and devices used to analyze crime scene evidence—and their real and fictional practitioners—have long fascinated the public. This reference covers all aspects of forensic science: Types of evidence Types of crimes or conditions Criminal cases Criminal and civil law The disciplines of criminal justice Poisons and drugs The evolution of forensics Forensic scientists and officials Serial killers Relevant literature, characters, and writers.

Forensic Science by William J. Tilstone; Kathleen Anne Savage; Leigh A. Clark
Sandy Avila

Email Me

Schedule Appointment

Contact:
John C. Hitt Library, Room 203D
407-823-1218

Subjects:
Biology, Chemistry, Environmental Sciences, Mathematics, Optics & Photonics, Physics, SCIENCES, Statistics - Actuarial Science, Statistics - Statistical Computing
Fun with Augmented Reality (AR)

A form of technology available via mobile device apps which allows users to have an interactive experience with a layered computer generated enhancement to their existing real-world environment.

AR uses apps via hand held mobile devices that pick up augmented media in the form of digital images, sound, graphics, or GPS data.

Buzz words: enhanced, interactive, blended, overlaid, & supplemented
A Pew Research Center study from 2016 shows:

- **95% of Americans** own a cell phone
- **77% of Americans own a smartphone** which is up from 35% in 2011

This is across gender, race, age, education, and income lines

More of us are “connected on the go” than ever before!

Pick a **TRIGGER** image

Then add an **OVERLAY**

(image/video/animation)

TRIGGER + OVERLAY = AN AURA
Uses for AR at Your Library

Outreach
Subject Librarians, Library Tours, Scavenger Hunts

Marketing
Events, Announcements, Special Collections, Exhibits

Technology Programming
Circulating the tech, “sandbox” hands-on workshops, DIY projects, or creating physical space for AR/VR play

Engaging Patrons with STEM

- Fun!
- Learning
- All ages

Family S.T.E.M.
Broward County Sea Turtle Conservation

Wednesday, July 26, 2–3pm

Today’s topic: Broward County Sea Turtle Conservation.

This event is part of the Summer, Summer S.T.E.M. Programs for Children and Families series.

Register
There is just 0 spot available out of 60. Registration opens Wednesday, July 19th and closes Wednesday, July 26th.
Creativity, Not Cost

Programs that make you think

- Programs for school-age kids [http://www.ala.org/alsc/kickstart](http://www.ala.org/alsc/kickstart)
- Great websites for kids [http://gws.ala.org/](http://gws.ala.org/)
- Lessons and materials created by teachers [https://www.teacherspayteachers.com/](https://www.teacherspayteachers.com/)
- Kids.gov [https://kids.usa.gov/](https://kids.usa.gov/)
Resources in Your “Backyard”

- Engineers meet future engineers
- Build robots
- The library as a science resource

http://sherman.library.nova.edu/sites/rils/2016/04/15/children-learn-robotics-computer-science/
Don’t Let the Sky Be the Limit

- International Society for Technology in Education (ISTE)  
  [https://www.iste.org/resources/thought-leadership/free-resources](https://www.iste.org/resources/thought-leadership/free-resources)

- NASA  
  [https://www.nasa.gov/offices/education/about/index.html](https://www.nasa.gov/offices/education/about/index.html)

- National Park Service  
  [https://www.nps.gov/teachers/index.htm](https://www.nps.gov/teachers/index.htm)
• Register patrons for library cards

• Promote non-GMO and organic seeds

• What is a GMO? How do you harvest, save, and grow from seeds?

http://seedlibraries.weebly.com/
Sustainability at the Library
Assisted Migration: An Urban Imperative in Climate Change Adaptation?

By MWINTERMAN

When | Monday, April 3rd — 7:00 pm to 8:00 pm
Where | Conference Room 4009

Join us for a presentation by Dr. John Pipoly, who will discuss the latest conservation debate surrounding assisted migration, the purposeful movement of species northward in anticipation of changing climate, and other resources.
Marketing

- Booklists
- LibGuides/websites
- Instruction/program announcements
- E-mails
- Social media
- Newsletters
- Faculty meetings
- Regional affiliates (SEFLIN!)

South Florida Gardening

Here are books to make your garden grow in south Florida.

- The complete guide to saving seeds: 322 vegetables, herbs, flowers, fruits, trees, and shrubs
  by Robert Gough and Cheryl Moore-Gough
- A full-color resource explains how to gather, clean, and store seeds for three hundred different kinds of vegetables, fruits, herbs, flowers, trees, and shrubs, as well as how to propagate and care for new seedlings.
- Organic methods for vegetable gardening in Florida
  by Genny Sibolt and Melissa Contreras
- Who doesn’t like the taste of ripe, fiery red tomatoes, freshly picked...
Models, Kits, and More…

- Molecular models [http://cbm.msoe.edu/index.php](http://cbm.msoe.edu/index.php)
- Anatomy, geology, and other modeling lab space
- GIS and other program support software
Models, Kits, and More…

3D Printing
- Program tools
- STEM models
- Kits for STEM reserves
- Patron education
- Hard models of scans for local researchers: Vectors to MRIs
Questions?

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