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The Subject Librarian Newsletter, Engineering and Computer Science, Fall 2017

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Engineering and Computer Science

News and Updates

Ven Basco

Librarian for Engineering & Computer Science

Ace your Research Portfolio

Wednesday, 10/28 multiple sessions, Library: Rm 223

John C. Hitt Library presents How to Use Web of Science and Journal Citation Reports to build and promote your research.

Snacks & Lunch provided

Engineering & Computer Science Graduate Research Essentials

Thursday, 9/7, 9:30 am & 10/4, 4 pm. Library: Rm 235C

This 90 minute workshop will focus on introducing resources available from the John C. Hitt Library. Databases such as Engineering Village, a sophisticated discovery platform for current and past engineering & computer science literature tracked in databases such as Compendex and INSPEC. Other specialized engineering resources will also be highlighted.

Other Library Workshops

(College of Graduate Studies - Pathway to Success program)

- ◆ Library Research & Literature Review Strategies
- ◆ Where to Publish and Author Rights
- ◆ Optimizing your Online Presence
- ◆ Endnote and RefWorks: Citing Made Easy!
- ◆ Useful Apps all Grad Students Should Love and Use

www.students.graduate.ucf.edu/PathwaysDescriptions/

STARS surpasses half a million downloads!



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UCF Engineering Theses and Dissertations Dashboard Reports

(November 4, 2015—August 21, 2017)

Downloaded in 193 countries - Top 5 after USA (India:10,324; China: 5,605; Russian Federation: 3,685; United Kingdom:3,585; and Germany:3,310)

Top downloaded title: *A Comparison of Aluminum And Iron-based Coagulants for Treatment of Surface Water in Sarasota County, FL.*

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Library Database News

Web of Science Citation Connection

We now have full access to all resources currently offered on Web of Science platform.

Added resources include:

- ◆ Data Citation Index (DCI)
- ◆ Derwent Innovations Index (DII) – Patents Database
- ◆ Book Citation Index: Scholarly Books
- ◆ Conference Proceedings Citation Index
- ◆ Index Chemicus (IC)
- ◆ Current Chemical Reactions (CCR)
- ◆ Current Contents Connect (CCC)

Ei Compendex - Numeric Filter

Numeric search enables deep investigations across Ei Compendex & Inspec on Engineering Village.

New functionality allows searches by meters, data bits, temperature, and more than 60 other measurement units.

The filters are context specific so if you are searching for information about bridges, for instance you can filter your results according a size range, age range or load capacity. The search includes automatic conversions, so it will retrieve temperatures that are shown in documents in either Celsius or Fahrenheit, for instance.

Kanopy Streaming Video Collection



The Libraries are now participating in the Kanopy on-demand streaming video service for educational institutions. This service provides access to more than

26,000 films each year, including award-winning documentaries, educational films, and theatrical releases from some 800 producers such as Criterion, PBS, Documentary Educational Resources, New Day Films, Media Education, California Newsreel, and others. These videos can be viewed on any



mobile device, but they cannot be downloaded and viewed offline. All titles in the collection are listed in the UCF Libraries' catalog. For more information about Kanopy, go to

<http://guides.ucf.edu/streaming/kanopy>.



SHERPA/RoMEO : A Tool for Determining Author Rights

Could you post your own articles on academic networking sites such as Academia.edu or ResearchGate?

The answer is a definitive “maybe.” If your articles are under an open license agreement such as Creative Commons, you are free to reuse, reproduce, or post your articles anywhere. However, if you have signed a copyright transfer agreement with a journal (a common practice), then usually you no longer have rights to post the final published version.

Introducing SHERPA/RoMEO, a tool developed by the University of Nottingham, England. Currently, over 18,000 journals are listed from 1,071 publishers in 60 nations. Use it to find publishers or journals that permit deposit of a final version of a paper in a repository, such as UCF's STARS.

Next time you publish a paper in a journal, check RoMEO to see what version of the manuscript you may be able to post:

<http://www.sherpa.ac.uk/romeo>.

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Library Database News



Mango Languages, a leading language and culture learning resource, is now available online 24/7 via the UCF Libraries.

The Mango database can be found listed alphabetically on the Libraries' database page: <http://guides.ucf.edu/databases>.

InCites™ Journal Citation Reports®

Key features in the Journal Citation Reports allow you to:

- ◆ Focus on desired subject categories, enabling you to review journal titles and key performance indicators in the category;
- ◆ Compare multiple journals based on a chosen indicator;
- ◆ Evaluate the performance of journals in which you or your organization has published research;
- ◆ Recognize trending journals in key research categories;
- ◆ Identify the ideal journal in which to publish your forthcoming research.

Value of Libraries study

Results of a 2014-2015 library study investigating use of library services and student success (as defined by GPA) revealed that students who used one or more of five library services had higher end-of-semester course grades ($M=3.20$, $SD=0.95$, $N=273,137$) compared to their counterparts who did not use library services ($M=3.05$, $SD=1.05$, $N=376,713$). **That's a .19 increase!** Note that the N is number of credit hours taken instead of number of students, and that users and non-users were compared based on course enrollment.



This study was conducted in conjunction with Dr. Morgan Wang and graduate student Kanak Choudhury from the Department of Statistics, along with Meghal Parikh from Institutional Knowledge Management.

Textbook Affordability

Textbook Affordability has moved to the forefront as an issue in higher education, especially in Florida. Recently, the state legislature enacted several amendments to existing laws concerning textbook affordability.

UCF librarians are working closely with a number of campus stakeholders – including faculty and CDL instructional designers – to promote adoption of free or low cost course materials. The Libraries have created a research guide, “Textbooks, Textbook Alternatives & Course Readings from Library Resources,” to assist both faculty and students with alternatives to full-price textbooks. For example, the Libraries offer thousands of full-text online books that can be used in the classroom or by individual students to supplement class readings. So far, UCF students already saved almost \$100,000 and expected to save another \$100,000 this Fall Semester.

For more information, see <http://guides.ucf.edu/textbooks>.

Citation Analysis Tools

The three best known citation analysis databases are Web of Science (WoS), Scopus and Google Scholar (GS). The citation data will be based only on articles indexed within the database. Comparing the results can offer a better perspective of impact within a field.

Web of Science Scopus Preview Google Scholar Citations

Available at UCF	Available through Compendex (Ei Village)	Free on the web
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Standards

We have access to many standards online. Any standard not part of our collections can be requested through **interlibrary loan**.



standards are available

through the **ASCE Library**.



Current and historical editions of these standards can

be found online in the **ASTM Compass** as PDFs.



Use IEEE Xplore Digital

Library to find IEEE standards from 1948 to present.

SpringerMaterials - The Landolt-Börnstein Database



Now Available:
The world's

largest and most comprehensive research platform dedicated to information on materials, their properties and uses.



Literature search and discovery tool for OR/MS research brought to you by Palgrave Macmillan.

Technology Lending for Faculty

The LibTech desk on the 3rd floor of the John C. Hitt Library has the following items available for checkout by UCF Faculty.

	29W USB-C Power Adapter	4 Hour Loan		Logitech Wireless Presenter	24 Hour Loan
	3D Printing Pen	3 Week Loan		MicroUSB to USB Cable	4 Hour Loan
	87W USB-C Power Adapter	4 Hour Loan		Portable Blu-ray Player	7 Day Loan
	Apple Lightning to USB Cable	4 Hour Loan		Portable DVD Player	7 Day Loan
	Canon Flatbed Scanner	7 Day Loan		Raspberry Pi 2 Model B	3 Week Loan
	Casio fx-260	24 Hour Loan		USB Computer Mouse	4 Hour Loan
	Dell 2400MP Projector	3 Day Loan		USB Flash Drive (1GB)	4 Hour Loan
	Dell USB External DVD+-RW Drive	7 Day Loan		USB Floppy Disk Drive	7 Day Loan
	Dell USB External DVD+-RW Drive	4 Hour Loan		USB Memory Card Reader	4 Hour Loan
	Dry-Erase Board Marker Kit	4 Hour Loan		USB Zip Drive	7 Day Loan
	Dry-Erase Board Marker Kit	4 Hour Loan		USB-C Digital AV Multiport Adapter	24 Hour Loan
	Dry-Erase Board Marker Kit	2 Hour Loan		USB-C to USB Adapter	4 Hour Loan
	Laptop Lock	24 Hour Loan		USB-C to USB-A Cable	4 Hour Loan

Services for Faculty

These resources are available to our faculty through your campus library.

Teaching Support

- ◆ Request Library Instruction
- ◆ Your Subject/Campus Librarian
- ◆ Information Literacy Modules
- ◆ Course Materials
- ◆ Streaming Videos
- ◆ Student Accessibility Services
- ◆ Online Textbooks
- ◆ Creating Persistent Links to Articles
- ◆ Build Our Collection

Research Support

- ◆ Schedule an Appointment
- ◆ Borrowing Materials from UCF Libraries and Other Libraries & Document Delivery (ILL/DDS)
- ◆ Recommend Items for Purchase
- ◆ Citation Management
- ◆ Publication Support
- ◆ Illuminations
- ◆ UCF Data

Reminder: If you have candidates or other guests visiting on campus, consider a visit to the John C. Hitt Library. I'd be happy to meet with them and provide a brief orientation. All other questions, please contact me:
email:buenaventura.basco@ucf.edu; skype:bbasco; voice:407.823.5048