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

8-30-2017

Buenaventura "Ven" Basco
University of Central Florida, buenaventura.basco@ucf.edu

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Recommended Citation

Basco, Buenaventura "Ven", "The Subject Librarian Newsletter, Engineering and Computer Science, Fall 2017" (2017). Libraries' Newsletters. 323.
https://stars.library.ucf.edu/lib-news/323

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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

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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.*
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>.
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.

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<tr>
<th>Web of Science</th>
<th>Available through Compendex (Ei Village)</th>
<th>Free on the web</th>
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Library Database News

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

ASCE
standards are available through the ASCE Library.

ASTM
Current and historical editions of these standards can be found online in the ASTM Compass as PDFs.

IEEE
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.

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