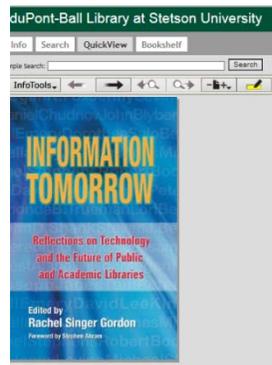


NEWSLETTER SPRING 2014

**Message from Susan Ryan, the Betty Drees Johnson
Dean of the Library & Digital Learning Resources**

Most modern academic libraries are in transition from repositories of print information to collaborative learning centers that place a heavy emphasis on digital material and learning technologies. The Stetson library is no exception - librarians and library staff are collaborating with many other campus units to make our library the centerpiece of academic support. The Writing Center has moved into the library building, with a Speaking Center soon to follow. We are also working closely with the office of Student Success to



move many of their academic support services into our building over the next couple of years. Now available to our students in the library: collaborative workstations, 3D printing, 80,000 e-journals, 100,000 e-books in our library catalog (see image above), and a multitude of digital resources. Technology allows us to tap into a huge amount of information resources. At the same time, we respect the place the print book occupies in academic culture. We will continue to have a foundational, core collection of the best print books that support our curriculum – while taking advantage of e-resources to build and enhance our collections. As we move into the future, we will continue to leverage technology – but we will do it in a way that enhances student learning and helps our students prepare for entry into a fast-changing, technology-driven information environment. It's an exciting time for academic libraries and we are moving forward with great enthusiasm.

Susan M. Ryan, Dean of the Library

**Library Awarded a National Endowment for the
Humanities Civil Rights Grant**

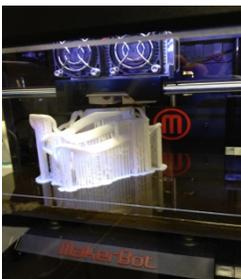
The National Endowment for the Humanities/The Gilder Lehrman Institute of History awarded the library a grant titled "Created Equal: America's Civil Rights Struggle." Along with funding to promote the grant, the award included four documentary films on the U.S. Civil Rights movement shown at various events in 2014. In January and the beginning



of February, the Library sponsored four screenings of the civil rights documentaries, two on campus and two in the community at the venues of our grant community partners: the Volusia County Library DeLand Branch and the African-American Museum of the Arts in DeLand. All screenings were open to the public and drew large audiences of students, faculty, staff, and community members. The library hosted a lively discussion program centered on the theme of "Equality Under the Law" on February 13th. About 100 Stetson students, faculty, staff and community members attended. Professor Joshua Rust, one of the speakers, is shown above. The next discussion program will take place in October and will focus on the Freedom Riders and the theme of "Non-Violent Protest to Achieve Change." For more information, visit the library's *Created Equal* page: <http://stetson.edu/library/created-equal/>

3D Printing in the Library

References to 3D printing suddenly seem to be everywhere, but many people still haven't even seen a 3D printer. 3D printing is the process of making three-dimensional solid objects from a digital file.

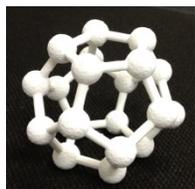


The uses are as varied as one's imagination – the printers can make the most basic plastic items such as an iPhone case or an action figure, or high-end printers can produce ground-breaking medical parts used in everything

from facial reconstruction to 3D-printed cells that may one day soon repair damaged hearts. Many scientists believe we are getting closer to 3D-printing parts of human organs.

The Stetson librarians wanted to incorporate this technology into the library with an emphasis on developing true learning applications for the printers. At the same time, Chemistry faculty members were contemplating a related question: "How might educators take advantage of 3D printing to enhance curricula and promote student learning of important principles?" Thanks to the Betty Drees Johnson Innovation Fund, which provides the resources to purchase and use cutting-edge technology, the library purchased two 3D printers for librarians, faculty, and students to develop creative learning projects.

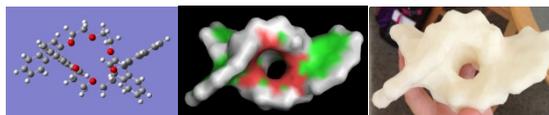
A semester-long Library-Chemistry Department partnership resulted in unprecedented interest from both chemistry faculty and students. Very quickly,



chemistry professors and students learned to translate chemical files to 3D printable files. The object to the left is a 3D-printed representation of the smallest fullerene, a

symmetrical cage compound composed of 20 carbon atoms. But 3D printing does far more than simply illustrate the structure of compounds – it can also enable professors to demonstrate how molecular entities chemically bind and interact in a three-

dimensional fashion (interactions that can be difficult for students to visualize using more abstract two-dimensional computer-generated representations). The figures below illustrate the progression from chemical file structure, to a 3D printable file, to the actual compound model.



Dan Nunez ('14), a chemistry major, has made 3D printing chemistry applications the focus of his senior research and has become a campus leader in encouraging student use of the technology. First-year chemistry student Vanna Blaszczak ('17, pictured below) has collaborated with other students to create models of face-centered cubic and body-centered cubic crystal lattices. Recent graduate



Luciano Violante ('13) is currently working with professor Tandy Grubbs on an article on the 3D printing projects for a national chemistry journal. The enthusiasm of the chemistry students spread quickly and students working in other fields

are also discovering exciting ways to use the printers. We welcome you to stop by the library and see the printers in action.

Next up is the purchase of a 3D scanner. This will allow the replication of physical objects by scanning an object and converting it to a printable file structure. We are excited to see what the students will do as we make this leading edge technology available to them. Stay tuned!

Become a Library Associate

If you would like to support the library's technology initiatives, or fund books, DVDs, e-books, or more, please consider becoming a Stetson Library Associate: <http://stetson.edu/library/about-us/support-us/>

Vintage Stetson Publications Added to the Digital Archives

The duPont-Ball Library has digitized and uploaded to our Digital Archives complete runs of most major Stetson publications. More than 800 issues of publications, found at <http://archives.stetson.edu> (choose "University Documents" collection), are searchable and are printable in PDF format.



Stetson Letter

DECEMBER, 1967

The University Documents Collection includes:

Stetson Bulletins/Catalogues, 1886-2010

Commencement Programs, 1892-to date

Student Handbooks, 1924-2009

Stetson Newsletter, 1946-1947

Stetson Alumnus, 1949-1951

Stetson Letter, 1952-1968

Stetson Magazine, 1969-1972

Cupola, 1972-2000

Pro Veritate, 1982-1995

Stetson Commons, 1989-2000

Visual, 2010-present

Stetson/SU Magazine, 1997-present

Every Stetson yearbook can be found in the "Yearbooks" collection and all student newspapers can be found in the "Newspapers" collection (current academic year is added each summer). The Digital Archives also currently includes more than 23,000 photos and almost 4,000 items of Stetson memorabilia.

Thank you to staff members Gail Grieb, Angela Story, and James Riley whose hard work helped put this treasure trove of Stetson history online.

Library Research Awards

Each spring the library awards two research prizes: The Evans C. Johnson Research Prize and the R. Neil Scott Research Prize. The contest is sponsored by the library (and funded by donors in memory of the prizes' namesakes) to encourage the thorough, effective, creative, and ethical use of research

resources. Last year's winners were Abigail Bush and Jill Crotty (right). We look forward to some excellent submissions



again this year. Read more about the prizes at <http://stetson.edu/library/resources/research-prizes>

A Special Thank You to Library Materials Donors: Message from the Associate Dean

The library greatly appreciates all of our donors no matter how they may contribute, but there is a special place in my heart for library materials fund donors. As Associate Dean, I oversee library acquisitions and I spend much of my time managing giant electronic journal packages with thousands of titles or administering huge electronic book packages with hundreds of title additions and deletions each month. Each spring, as we draw closer to the end of our academic year, the electronic collections have used the majority of our materials budget. That is when I turn to the monetary contributions of our many library materials donors to acquire those print books that our students and faculty still need for their spring research. Thanks to generous library donors who designate contributions for library materials, we can end our academic year with the books we need. To be able to fill gaps and to update our core print collections is so important and this simply would not be possible without your generosity.

Debbi Dinkins, Associate Dean of the Library

Recent Gifts to the Library

The library received a number of special gifts recently, including a wonderful 1960s Stetson letterman sweater and Stetson blanket from Lee ('64) and Tanna ('64, '66) Gartside.



Gus Gibbs, a long-time enthusiastic Hatter supporter, donated a great vintage Stetson



megaphone – seen left and currently on display in the library with some of our best football memorabilia. Larry Keith ('60) sent us a bit of rare and fascinating technology history – he published some of the earliest e-books in the field of chemistry and gifted those to the Archives. Jeff Dease ('64, '71) regularly contributes books to our collection, as does Robert Lee Dean ('68), June Burton ('65, '68), Roland Laing, and a number of other alumni and friends.

Senator Max Cleland ('64) recently added new mementos to the Max Cleland Collection housed in our Archives, including a sign that pointed to his Senate Office in the U.S. Capital and his Master's thesis from Emory University.



Max celebrates his 50th year of public service in June this year. He was commissioned into the U.S. Army

at Stetson in June 1964 and has had a storied career of military and government service. He plans to celebrate the 50 year Stetson reunion with his '64 classmates at Homecoming in November. Max currently serves as President Obama's Secretary of the American Battle Monuments Commission – the agency that manages overseas military cemeteries, memorials, monuments and markers. See <http://archives.stetson.edu> (choose "Special Collections") for more on the Cleland Collection.

New Library Website

If you haven't been on our website lately, you will be pleased to see that it has been updated and



streamlined with easy access to information about the library and to the library's resources. The site was designed and implemented by our Learning and Information Literacy Librarian, Rosie Flowers.

Follow the Library on Facebook

Stay up-to-date on library news – follow us on Facebook at

<http://facebook.com/StetsonLibrary>

The library also maintains the John B. Stetson



Facebook page which posts Stetson-related items of current and historical interest. Follow us at

<http://facebook.com/johnbsetstson1886>