

The Stetson University Board of Trustees

duPont-Ball Library Spotlight

October 2019

Mission

What is the mission of an academic library in a world filled with readily available information? Librarians have given much thought to the contemporary university library, looking at the mix of services, collections, technologies, and facilities that best meets the needs of our students and faculty. We always focus our efforts, however, through the lens of the three areas articulated in our library mission: teaching and lifelong learning, collaboration, and innovation.

The number of students coming into the library continues to grow, and has increased significantly since 2010. While the use of print books declines, the use of electronic resources continues to rise. With the explosion of online information available to students, information literacy becomes more critical than ever. Is the information real? Is it credible? Is it biased? How do I know? Librarians teach students to be critical consumers of information.

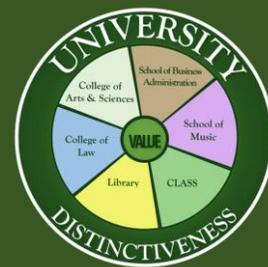
We are not abandoning our traditional role of providing high-quality curated information sources (both print and electronic) to the Stetson community, but that is no longer enough for today's students.

Students who will work in a global environment need to be creative critical thinkers who adapt easily to change. Our mission is to help make that happen.

Librarians and library staff have spent the last year working on our *2019-2023 Strategic Plan*. As we formulated the library's new goals and objectives we considered the University's strategic direction, as well as the priorities of Academic Affairs and the Student Government Association. We believe in our mission, and we are *living the distinctives* that our library offers. We invite you to learn about today's duPont-Ball Library – it might be more than you expect.

LIBRARY MISSION

The duPont-Ball Library librarians and staff advance teaching and lifelong learning, collaboration, and innovation through library services, information resources, technologies, and facilities.



DISTINCTIVES

INNOVATION LAB FOR
EXPERIENTIAL LEARNING

ARCHIVES
&
SPECIAL COLLECTIONS

SUCCESSFUL
CAMPUS PARTNERSHIPS

JENNIFER ALGIERI ('19)



Each year, the library employs about 30 student assistants who work in every department in the library. Jennifer Algieri ('19) and her twin sister Jessica (see p. x) both worked for the library during their time at Stetson.

"Working at the library was one of the most rewarding experiences I had on campus. The faculty and staff are all fantastic, and I just loved being able to work in a library. My supervisor told me, 'There's something to be said for an environment where you feel you are continually being inspired to learn more.' All those books can be a bit intimidating, but it was nice to have a job where I could not only help others find the books they were seeking, but expose myself to new books in the process!"

JUST THE FACTS

Library Visits: Students, faculty, and staff walk through our front doors about *250,000 times* each year.

Research Assistance: Research librarians are available to students seven days a week, and meet with students *more than 700 times* a year for consultations and help with senior research.

Library Website: Our website offers more than *100 commercial databases* on topics that cover the entire curriculum, *200,000 ebooks*, and *160,000 electronic journal and magazine titles*.

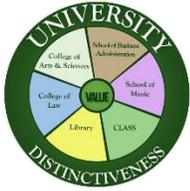
Online Resources: The library offers more than *200 Research Guides* for every major, as well as guides on many general topics such as *Finding Items in the Library; Copyright Basics; Avoiding Plagiarism; Citing Your Work; and Guide for FSEM Students*.

The library offers services, collections, technologies, and facilities designed to help students succeed and to develop lifelong learning skills.

Classroom Sessions: Librarians are available for classroom instruction sessions and visit about *100 classes* each year to instruct students on research methods and information literacy topics. In 2018-2019, more than *1,750 students* attended one of these sessions.

Technologies: Found throughout the library, technologies enable students to find reliable information quickly, to add creativity to their scholarship, and to engage in experimental learning. Last year, *4,900 students* used technologies in the Innovation Lab.

Variety of Spaces: We are working to transform our building to accommodate changing student and faculty needs. Environment matters – group study rooms, the Quiet Study Area, the Sensory Garden in the Nemecc Courtyard, the Innovation Lab, the Writing Center, and the Hollis Family Student Success Center cater to all types of study and work needs.



Living Our Distinctives

The Innovation Lab

Libraries today are not merely repositories for books and databases. They are change agents and learning incubators that foster collaboration and exploration. We equip our students with the capabilities to innovate regardless of the technologies of the moment. Our Innovation Lab, a library *distinctive*, exists to encourage experiential learning opportunities that will translate into lifelong skills.

The technologies stimulate student interest in many disciplines. With a combination of computer modeling and 3D printing, our science and math students and faculty conceptualize, analyze, and translate chemical structures and mathematical algorithms. Art students and faculty create beautiful professionally exhibited pieces, and are discovering new ways to incorporate 3D scanning and printing into sculpture. Business students design and build prototypes in our Lab, and successfully compete in entrepreneurial product pitch contests.

Our award-winning library has become a hub for creativity offering **3D printing** (additive manufacturing) and an Axiom AR6 Pro CNC Mill (subtractive manufacturing); tools to create **Virtual Realities**, including an Alienware gaming computer and gaming software; **Augmented Reality** equipment; and much more – all leading to exciting **Learning Outcomes** that distinguish Stetson.

BRYSON PRITCHARD ('21)

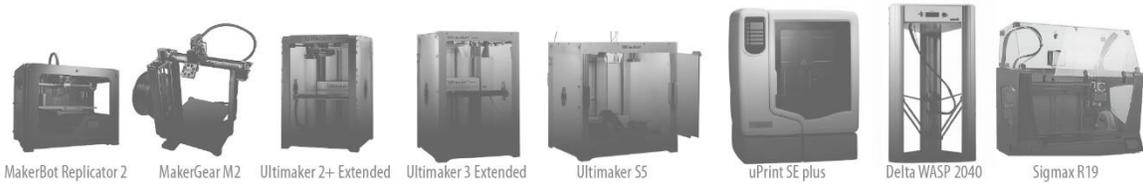


Bryson, a business and pre-med student, received the first-place prize and start-up funds in an entrepreneurial pitch contest for his prototype of a syringe for EMTs and other medical professionals.

"I remember as a prospective student walking through the doors of the duPont-Ball Library and feeling the creativity in the Innovation Lab. Now as a current student I utilize the resources in the Innovation Lab, primarily the 3D printing. Working with the Lab technician, I created a new type of syringe. We customized the design aspect as well as 3D-printed test models to get the product to a developmental stage and functioning prototype."



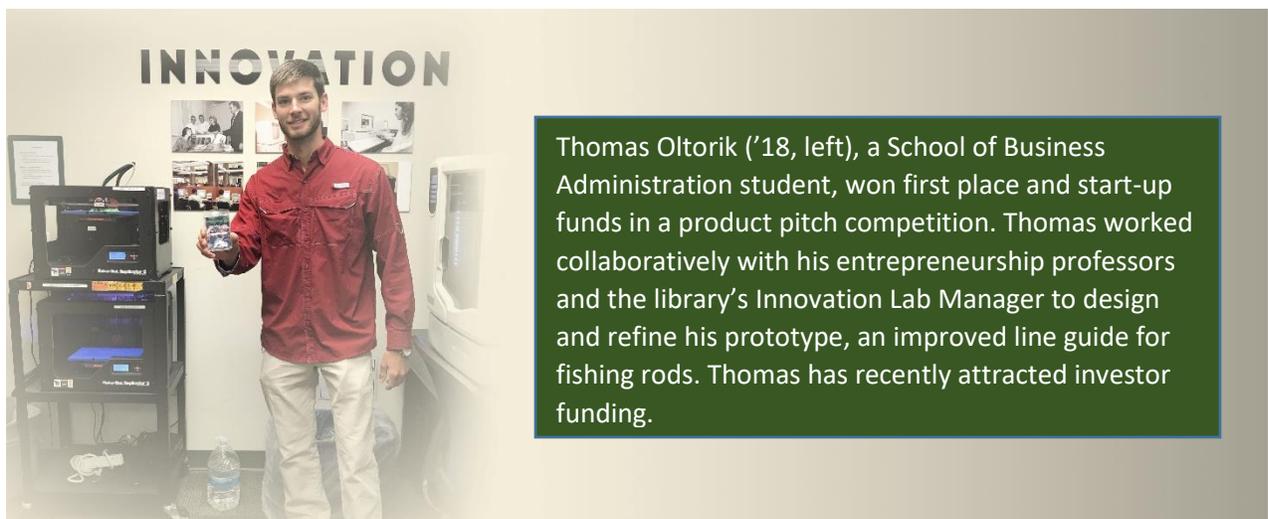
EQUIPPED TO INNOVATE 3D Printing



Students and faculty can choose from one of our twelve 3D printers. Our eight different printer models meet a variety of design needs, and can print in various types of colors and materials, including plastics, wood fiber, and clay.

Faculty report that adding a 3D printing component to assignments has increased student enthusiasm and has added experiential learning opportunities to courses.

Students from the College of Arts & Sciences, the School of Business Administration, and the School of Music have all experimented with Lab technologies. Student Michael Gruber (right) holds a 3D rendering of the Periodic Table of Elements. Below, art works created with 3D printed pieces.



Thomas Oltorik ('18, left), a School of Business Administration student, won first place and start-up funds in a product pitch competition. Thomas worked collaboratively with his entrepreneurship professors and the library's Innovation Lab Manager to design and refine his prototype, an improved line guide for fishing rods. Thomas has recently attracted investor funding.

EQUIPPED TO INNOVATE *Virtual Reality*



Virtual Reality has infinite possibilities. Students can use our Oculus VR headsets to create virtual worlds – and can use the equipment in conjunction with our high-end Alienware gaming workstation.

Our HTC Vive kit is a virtual reality headset that uses room scale tracking technology, allowing the user to move in 3D space and use motion-tracked handheld controllers to interact with the environment. It is not unusual to see a student in a VR headset weaving back and forth throughout the Innovation Lab as she explores unseen worlds.

Music students have used our VR technologies to experiment with creating virtual concert experiences.

The Chemistry Department is experimenting with science gaming, building virtual worlds of molecules. At right, a student works on game development.



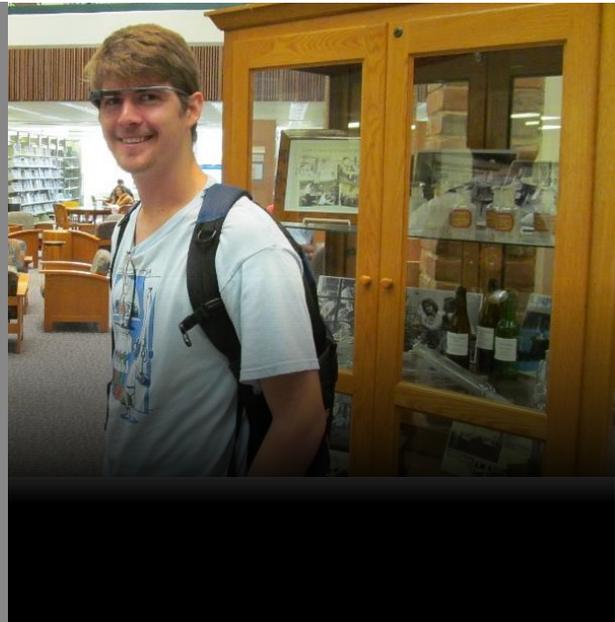
EQUIPPED TO INNOVATE *Augmented Reality*



Augmented Reality is technology that superimposes a computer-generated image on a user's view of the world – resulting in a composite, or augmented, view.

Students can check out Google Glass, which is a wearable computer. Student Jacob Lite ('14, right) was one of the first students to use our Google Glass, experimenting with the AR technology for his senior research titled *Internet of Things Status Monitoring with Augmented Reality on Google Glass*.

Library staff are currently investigating the use of Augmented Reality as a more visual method of communicating library services to students.



INNOVATION



School of Business Administration professor Joe Woodside (left) and his students presented their research, *Wearable Technology Acceptance Model: Google Glass*, at the Site Conference after experimenting with the Innovation Lab's Google Glass.

Innovation Lab Learning Outcomes

An important part of any experiential learning initiative is sharing information with a broader audience. Student and faculty 3D printing work has resulted in significant recognition by professional peers, with students often participating as conference presenters and/or co-authors of published works on applications of 3D printing in various disciplines.

- An organic chemistry professor and student created a series of space-filling molecular models that can be used to visualize and better understand the effects that steric interactions have on the reactivity between molecules.
- Advanced physical chemistry students regularly use computational chemistry software to create 3D molecules files for a laboratory exercise.
- Biochemistry faculty and students designed and 3D printed a model that illustrates surface catalysis at the atomic level. This model was subsequently used by the student-faculty team in support of K-12 STEM education.
- A health sciences professor introduced a 3D printing component into her regular anatomy lab assignment. She notes ***“increased enthusiasm”*** for the lab as students learn to 3D print physical renditions of what they study.
- A Stetson student and faculty member collaborated to 3D print several mathematically inspired geometric forms, transforming abstract mathematical concepts into tactile forms.
- An art professor created numerous art pieces for his professional show using 3D printed models, including “self-portraits” made by 3D scanning his own facial expressions to be used in 3D printed works.
- A sculpture professor is experimenting with applications of 3D printing in clay, as well as 3D scanning of human faces to improve accuracy of form.

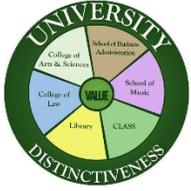
LAB OUTCOMES BY THE NUMBERS

2 Innovation Awards
1 For-Credit Course
2 First Place Prototypes
4 Journal Articles
1 Magazine Article
3 Book Chapters
2 Workshops
4 Senior Research
5 Invited Blog Posts
1 Art Exhibition
17 Conference Presentations

Student Christian Micklish built a drone in the Lab for his senior research in computer science.



“The Lab allowed me to be creative without any cost in purchasing or renting the equipment there. In absence of the lab, my project would have taken a lot longer to complete and would have burdened me financially. Whatever idea a student has, whether it be a figurine they want to create or a shirt with a tactile response that blinks, they can do that in the MakerSpace. The possibilities for creativity and ingenuity are endless.”



Living Our Distinctives

Archives and Special Collections

A duPont-Ball Library *distinctive*, the University's Archives and Special Collections houses a wealth of historical information about Stetson University, the surrounding areas of DeLand and West Volusia, and successful alumni. Our many Special Collections include information unique to Stetson - which strengthens the quality of our library and brings recognition to the Stetson University name.

The Archives staff supports researchers, authors, and filmmakers, but also collaborates with faculty to help incorporate primary sources from the Archives into research assignments, and to teach their students the value of historical sources and artifacts. Public History and American Studies classes explore the Archives regularly, and students sometimes discover something that especially sparks their curiosity. Such was the case with Jessica Algieri who, after reading Elizabeth Stetson's 1917 diary, not only made Elizabeth the topic of her senior research, but went all the way to Portugal to find information on Elizabeth's time as a Countess in that country (see sidebar and below).

The Archives is filled with history, and we have witnessed over and over again that our collections are also powerfully nostalgic for our alumni. We are pleased to offer electronic access to most items in the Archives at archives.stetson.edu.



JESSICA ALGIERI ('19)



Jessica Algieri worked as a student assistant at the front desk and in the Innovation Lab, but her real passion is history. A Public History class visit to the Archives and Special Collections led to Jessica's unique senior research project.

"The Archives are actually what inspired my Senior Research into Elizabeth Stetson. I [learned about] Elizabeth Stetson, and that Elizabeth was a Countess in Portugal via her second marriage. I felt an instant pull towards Elizabeth's fascinating story and I wanted to learn all I could about it, so I made that my senior research. I even got to visit Elizabeth's castle on a trip to Portugal that was funded by a Stetson SURE Grant. My experience in the archives was fantastic. There was so much information and artifacts about Elizabeth that had been so well cataloged I was able to shorten my timetable drastically to get all the information I needed."

Recent Important Gifts

John B. Stetson IV and wife Solveig donated 450 photographs and memorabilia items pertaining



to the John B. Stetson family and company in March 2016. The gift included Elizabeth Stetson's 1917 diary

detailing the death of her second husband, the Count of Santa Eulalia; Elizabeth's widow's parasol; a book of John B. Stetson's obituaries; and more than a dozen reels of Stetson family home

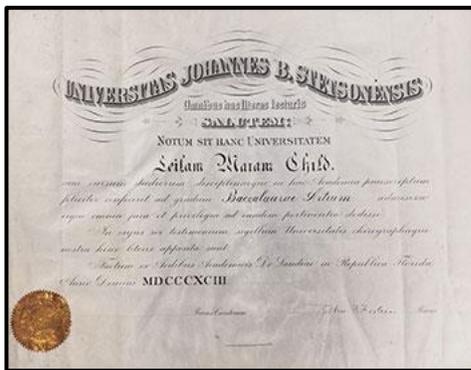
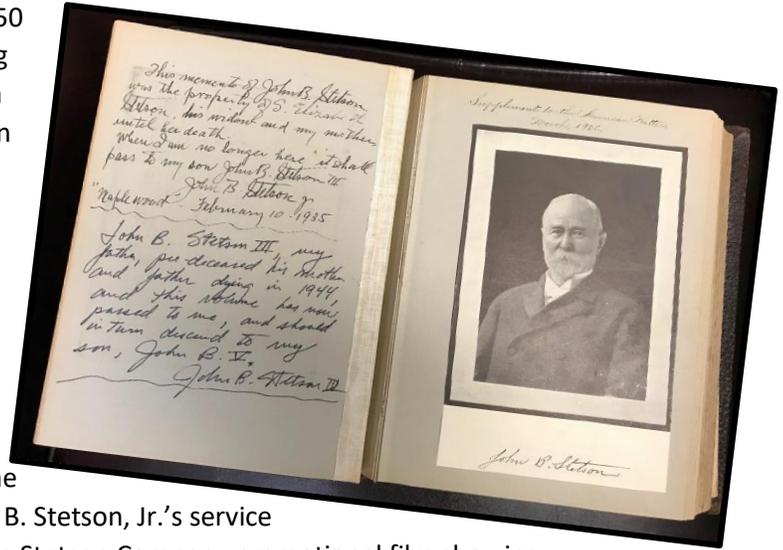
movies from the 1920s. The films include John B. Stetson, Jr.'s service

as the U. S. Minister to Poland along with a rare Stetson Company promotional film showing

the hat manufacturing process from beginning to end. **The University now holds the largest known**

collection of Stetson Family history.

Jim Cara, a local merchant, donated a 19th century Native American dugout canoe, called *The Cypress Room Canoe* by the State Archives, that was part of the State of Florida exhibit at the 1933-34 Chicago World's Fair, and hung for years in DeLand's Putnam Hotel. The canoe is believed to have been made by the Seminoles using metal tools. The canoe now hangs on the main floor of the duPont-Ball Library.



This year, the Archives received the first college diploma issued by John B. Stetson University. Awarded to Leila May Child, the first and only college graduate in 1893 (previous Stetson graduates had all gone through the pre-college preparatory programs), the diploma is a unique and very special addition to the Archives. Donated by Leila's grandchildren, Betty Carol Smith and David Mann, the diploma is printed on vellum, written in Latin, and signed by Stetson's first president, John Forbes.

Donation of family treasures is often a tough decision – and sometimes emotional for the people involved. The Archives' excellent stewardship of physical gifts with attention to preservation, recordkeeping, and displaying gifts on-site and online is what convinces many donors that the Stetson University Archives is the right home for their memorabilia.

Exhibit, Documentary, and Book Credits

Vintage panoramic photographs from the Archives were featured in the Southeast Museum of Photography's exhibit, *Edge to Edge: Vintage Panoramic Photography in Florida*.



For several years, the library provided material (primarily from the Max Cleland Collection) to Ken Burns' production company in support of his documentary on Vietnam. The ten-part series, first aired in September 2017, featured alumnus Max Cleland ('64), along with material from the Max Cleland Collection. Similar to the work with Ken Burns, Archives staff provided photographs to the History Channel for the Emmy award-winning documentary series *Vietnam in HD*.

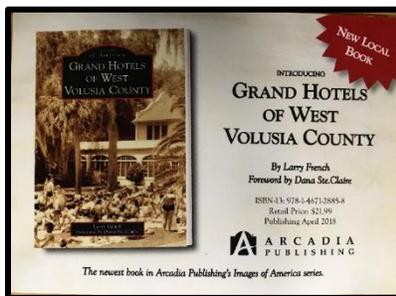
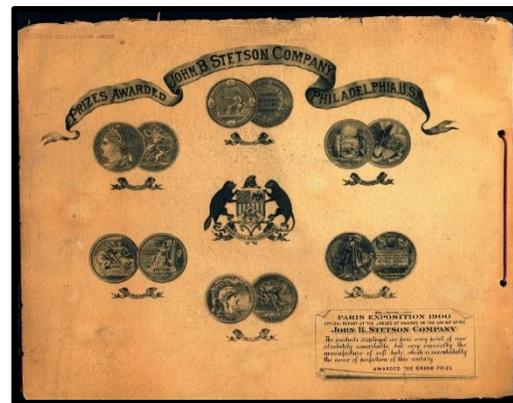


- Library of Congress, Prints and Photographs Division
- Lyndon B. Johnson Presidential Library, Audiovisual Archives
- Bruno Massenot
- Don McCullin (Contact Press Images)
- James L. McKeown Boys & Girls Club of Woburn
- Craig Mellish
- Mai Nam
- National Archives and Records Administration
- Doug Niven
- Richard Nixon Presidential Library and Museum
- E.W. Pfeiffer
- Sovfoto
- Stetson University Library Archives
- U.S. Navy
- Neal Ulevich
- David Valenzuela
- Vietnam Military History Museum, Hanoi

A Gillespie Museum exhibition on Florida featured photographs from the Archives' large 130-item Ross Allen Collection, donated by alumnus Jay Mechling ('67). A true Florida character, Allen attended Stetson as a freshman, and founded the Ross Allen Reptile Institute at Silver Springs in 1929. He featured native snakes, alligators, and a replica Indian Village with Seminoles that he recruited to work for him. Allen was known for milking snakes and wrestling alligators in front of Silver Springs' audiences.



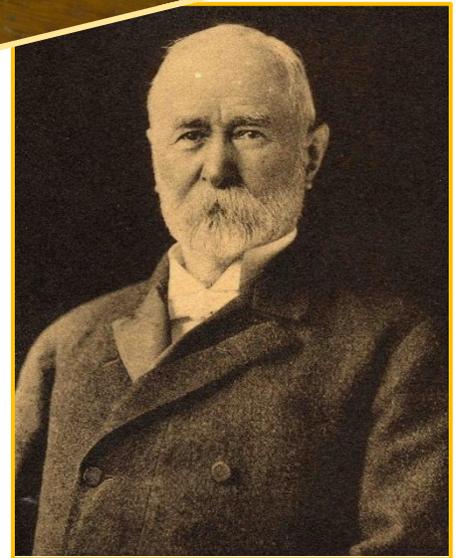
The Archives provided a significant amount of information and material to Robert England, who has written *Stetson: An American Icon*, the first biography of John B. Stetson (to be published in fall 2019), with Library Dean Susan Ryan quoted several times in the manuscript. So little is known about John B. Stetson, however, that the majority of the book focuses on the hats he made famous rather than biographical facts. (Photo of Stetson Company catalog from Robert England's draft manuscript, right).



Archives material was also used in the book *Grand Hotels of West Volusia County*, by Larry French, part of a popular Arcadia Publishing local history series. Authors from around the country often ask to include photographs from our Archives in books that they are writing. The topics are many – from the history of tennis to everything you ever wanted to know about the cabbage palm tree (Florida's state tree).

The strength of any Archives is its Special Collections that contain unique material. Sharing Archives' material with authors, museums, newspapers, television producers, and filmmakers brings recognition to the Stetson University name. For some for-profit companies, the library licenses photographs for a fee, but we usually provide photographs for free with photo credit.

Photographs and physical items from the Archives were used by sculptor Erik Blome (below with Wendy Libby), commissioned by the University for a John B. Stetson bronze sculpture that sits near the Rinker Welcome Center.



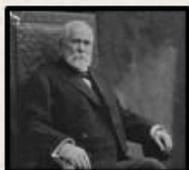
Sampling of Others Receiving Material from the Stetson Archives:

Association of Chinese Americans for Social Justice
Atlanta Journal-Constitution
Finding the Fountain of Youth, book by Rick Kilby
Florida Historical Society
Georgia Historical Society
Guidepost Magazine
Hatch Entertainment, Colorado
History Meeting House, Warsaw, Poland
Information Society Development Foundation, Poland
Library of Congress
Sonny's BBQ, DeLand
Stetson Mansion
Vintage Florida Baseball Team
Warrior Care and Transition, Arlington, Virginia
West Volusia Historical Society
World Cheerleading Hall of Fame Museum, Texas
WUCF, *Central Florida Roadtrip* Television Show



Archives and Special Collections Online

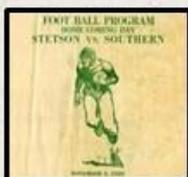
archives.stetson.edu



Photographs
31,500 items
1880s-present



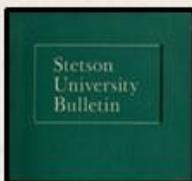
Stover Theatre
419 items
1913-1970s



Memorabilia
11,000 items
1880s-present



University Documents
6,500 items
1887-present



University Catalogs
218 items
1886-present



Max Cleland
Political Memorabilia
15,700 items
625 online



Student Newspapers
2,400 items
1887-present



Clay Shaw
Political Memorabilia
4,300 items
450 online
250,000 papers



Student Research
670 items
1957-present



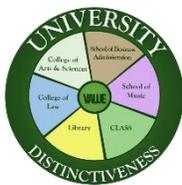
M. Jean Greenlaw
Children's Literature
1,500 items



Stetson Yearbooks
94 items
1908-2002



Regar
Civil War & Early Stetson
265 items



Living Our Distinctives

Successful Campus Partnerships

Our library has forged a number of partnerships over the years to improve student and faculty services. We consider these collaborations important enough to highlight successful partnerships one of our library *distinctives*.

What is the focus of our partnerships?

Improving Research, Writing, and Studying: When the *Writing Center* moved to the library in 2013, traffic to the Center almost immediately doubled. Having the Writing Center in our building allows librarians and writing tutors to work with students in one location. In fall 2015, the *Hollis Family Student Success Center* opened in the library, making the library building a powerful one-stop student learning center.

Teaching Information Literacy and Offering Research Support: Librarians have always partnered with faculty – providing resources that support their courses and research; visiting their classes for instruction sessions; securing material from other libraries; and licensing videos for classroom viewing. Librarians have also taken a leadership role in incorporating information literacy into our General Learning Outcomes.

Creating a Student-Centered Library: The students in the Student Government Association have shown an increasing interest in the library in recent years. Partnering with SGA has provided us with important input on what students want in their library.

Addressing the Mental Health of Our Students: Hundreds of Stetson students experience mental health issues - which means that these neurodiverse students need some additional support. The library is taking a multi-faceted approach to making the library experience better for these students: educating librarians on the needs of a neurodiverse student population; creating alternative study spaces; and surveying the building, collections, and services to conform to best practices in serving a wide spectrum of diverse student needs.

Supporting Entrepreneurship: The library and the School of Business Administration share the belief in the power of experiential learning and innovation. We are pleased to partner with the Entrepreneurship Program to ensure that students who want to prototype products have the resources they need in our Innovation Lab.

Librarians and teaching faculty collaborate to encourage excellence in research.



Student Jill Crotty accepts a library research award from librarian Laura Kirkland (right) for a paper she wrote for Art History professor Katya Kudryavtseva's (left) Freshmen Seminar course.

Student Impact

Lifelong Learning: Working at the duPont-Ball Library is often a student's first job. We teach students to be contributing staff members, but more importantly we teach them workplace professionalism, responsibility, the importance of reliability, punctual attendance, and customer service. Meet some of our student employees.



Kevin Vega: *"What I enjoy most about working in the library is that I get to assist anyone who needs help and that every day is a learning experience."*

Briana Rosado: *"Examining what we have in the library is a great way for me to explore my interests and branch out from what I previously knew."*



Noah McGahagin: *"My supervisors all cultivate a hard-working, but friendly culture and I'm proud of our space's atmosphere for studying."*

Ashley Allensworth: *"I have learned how to interact with patrons, how not to interact with patrons, how to interact with people on the phone, and how to anticipate what people need."*



Zykira Williams: *"I hope to learn how to interact with the students and my coworkers. I want to learn to be a campus resource to all my peers."*

Jay Stearman: *"I hope to learn the inner workings of managing such a vast and wealthy resource that is the modern library. I am hoping to experience a strengthening of my service skills and the satisfaction of making the patrons' experience at the library more fruitful and accommodating."*

