What Exactly Do Research Services Librarians Do?
RSLs are playing an ever-important role in the campus learning environment.

Research Services Librarian Highlights
The stories and people that benefit from the library.

A Center of Pedagogy & Practice
The library is building the groundwork for learners and teachers.

Case Western Reserve University’s Archives
Preserving the legacies of Case Western Reserve University.

Unrestrained Activist
Looking back on 164 years of activism at Case Western Reserve University.

Digital Case
How libraries are preserving scholarship in the digital age.

New Digitization Lab
The library technology that can digitize any consumer format from the last 100 years.

Bridging Cleveland Institutions
The digitization lab brings life to an exhibit at The Cleveland Museum of Natural History.

Technology for Good
Three Freedman Center projects address critical social justice issues.

Old Friends in a Modern Library
Why Interlibrary Loan is still relevant.

Content Challenges at the Library
Discover the latest library purchases impacting the university.

The Library Acquires Major Archives
The library’s growing fine and performing arts collections are key to the future of art research.

Annual Report
Kelvin Smith Library by the numbers.

Turning Science Fiction into Science Fact
Two science collections capture the campus imagination.

Why I Give
Thomas P. Slavin and Robert H. Jackson talk about the importance of supporting the library.
At every step of the way, we ask ourselves “How does what we do make a difference in the lives of our students, faculty, and the greater community?”

The library’s newly launched digital repository, the formation of a digitization lab, and the continual purchase of state-of-the-art equipment and learning resources do not automatically create value. Instead, we look to see if we assisted in a published paper or a presented poster. We seek examples where Kelvin Smith Library made a difference and where the library has had direct effect on a measurable outcome.

In this issue, you will read about how a library Freedman Fellows project is already affecting Ohio law on issues surrounding rape policy (pages 23-24). An undergraduate student is studying the relationship between race and education in Cleveland Heights schools using the library’s ArcGIS mapping software (page 25). Another student is using the library’s computers for their 3D photogrammetry software to change the way we experience museums (page 26). We support students and faculty as they continue to contribute to a growing body of knowledge—one that brings greater understanding of the world through the lens of engineering, economics, anthropology, theater, and other arts and science disciplines.

The library makes a difference on every front, from the smart and aggressive use of funds amidst shrinking budgets, to library instruction as we teach students strategies to navigate overwhelming volumes of databases more efficiently. We do so in our events that bring world-class performers and artists by introducing learning experiences that cannot be found anywhere else on campus.

As you read this latest edition of the magazine, I believe you will be impressed by the many stories and faces of our learning community that demonstrate the continuing importance of libraries.
“What do we do to make a difference in the lives of our students, faculty, and the greater community?”
What Exactly Do Research Services Librarians Do?

Research services librarians support the research, teaching, and learning of students, faculty, and staff at Case Western Reserve University by refining research projects, demonstrating research impact through citation analysis, and discovering digital scholarship tools to support projects, to name a few.

Case Western Reserve University students have access to Kelvin Smith Library’s three million books and journals and 475 databases, as well as a wealth of other resources, equipment, and services. Wading through the sheer volume of content can be harrowing. However, to achieve their highest academic potential, students must learn how to navigate the vast resources available at the library. Finding the right primary sources to support a student’s hypothesis can make or break the outcome of a research project.

Enter research services librarians (RSLs). RSLs are “research coaches” that support students’ research. They provide instruction on navigating library databases and library resources. A large part of the job is to show students how to integrate the library into their learning workflow.

The most common request from students is finding appropriate sources. The first step in writing a research paper, poster, or dissertation is knowing what has already been said on the subject. For niche areas, it may be difficult to find existing scholarship. How does one find an article on the worship of Buddha in medieval China? What about the latest article on electron transport in carbon nanotubes? What databases does one start with?

RSLs are important here: they instruct on search strategies, show the best databases to use, and can even track and find primary sources for students. For example, Doctor of Management candidate at the Weatherhead School of Management, Robert Warren, was having issues finding peer-reviewed articles for an assignment:

"The challenge is draining an electronic ocean of data to find the most relevant article, book, and other media. That’s where Karen Oye, research services librarian for humanities and business, saved the day for me. I was drowning in the electronic ocean and going down for the third time when she spent about an hour with me that changed my life. She patiently showed me how to navigate databases (especially EBSCO) to find and save the peer reviewed articles I desperately needed for my qualitative paper."

- Robert Warren, Doctor of Management Candidate, Weatherhead School of Management

A Research Guide Discovery: Exploring the Otto F. Ege Collection of Medieval Manuscripts

Of the 346 library research guides, the Art History & Art research guide takes you to resources on the subject: local museums, databases, journals, faculty publications, etc. The Special Collections tab takes you to a list of the library’s collections in Art History & Art. Of the manuscripts available at researchguides.cas.cedu
Similarly, Jared Shanks, a recent dance graduate, recalls his time working with Daniela Solomon, research services librarian for engineering:

Daniela Solomon is the reason I had enough research to complete my senior capstone. From providing key words that allowed me to find research, to finding enormous quantities of extremely specific research. She even helped me format my final poster. Without her, my project would have been too broad and unsupported by scientific research. I cannot thank her enough for all the time and effort she put into helping me.

- Jared Shanks, Class of 2018, Dance Major

Read more about how Daniela Solomon helped Jared Shanks on Page 9

Regardless of a student’s circumstance or learning style, RSLs are equipped to assist students wherever they are in their academic journey. RSLs can be found teaching in classrooms, working one-on-one with students on specific projects, or answering basic reference questions through the library’s online chat portal.

Students can also save time using one of the library’s 346 research guides. Each RSL has their own specially-curated online research guide (see a sample below) for any given subject bringing together the library’s most helpful resources in one place. These guides can include some of the most cited resources on a subject. Some have instructions on patent searching or technical standards. Consider them your library SparkNotes.

RSLs are playing an ever-important role in the campus learning environment and this conversation eventually returns to the role of the modern academic library and how it impacts an institution’s learning potential. Certainly, the library is a repository for books and a popular study destination, but more than that, research services librarians are helping students become more efficient learners and more successful in their collegiate career.

Research Guides have been viewed

260,186 times in the last academic year.

Explore Our Research Guides:
researchguides.case.edu

F. Ege Collection of Medieval Manuscripts on page 18

4 the library, you can find the Otto Ege collection housed right in the library’s online repository

5 in Digital Case. The library’s Digital Case allows anyone from around the world to

6 view the collection’s renowned 50 original leaves.
In March of 2018, Jared Shanks began researching for his senior capstone project. Capstone projects are a culmination of the academic experience, and as a dance major, Shanks set out to create a science-centered training plan that can help gymnasts master the “L-sit to handstand” movement.

When he was unable to find existing literature on the subject, his professor recommended he see Daniela Solomon, research services librarian. In a month’s time, Solomon not only helped Shanks find articles and papers necessary to the scientific integrity of his paper, but helped him in the design and construction of what eventually became a poster, which he presented at the annual Case Western Reserve University ShowCASE. At the ShowCASE, Shanks stood with hundreds of other peers and scholars to exhibit research with real-life applications. He eventually graduated Cum Laude in May of 2018 with a Major in Dance. He has since moved to London in the hopes of performing in the European circus scene.

JARED SHANKS

My name is Jared Shanks, and I am currently doing research for my senior capstone. I have found two papers that seem like they may be relevant, but I have been having difficulty tracking down the full articles. Could you help me track them down?

DANIELA SOLOMON

The abstract is a little better—you still have to shorten your sentences and make them as clear as possible. For example, I would start with something like this, “The goal of this study is to create a science-based training plan that will help gymnasts develop abilities necessary to execute an L-sit straight arm press to handstand exercise.”

JARED SHANKS

Thanks for doing this on your day off! I was kinda at a loss for how to fill out the rest of the poster so this helps a ton. I will definitely get this done tonight for the ShowCASE.

DANIELA SOLOMON

For the body text, choose a serif type that is very readable, like Garamond, Book Antigua, or Bookman Old Style. Make the font size between 24-48 points. Make sure that the body text is the same font throughout the entire poster.

JARED SHANKS

Thank you for helping me even though this ended up being a mad dash at the end. It really makes a hectic week a whole bunch easier.
William Claspy was an important resource to Renée M. Sentilles during the development of her book. In *American Tomboys*, Sentilles explores the historical conception of tomboys in the years following the Civil War. She studies how, why, and when tomboys became an all-American heroine through changing literary works, youth organizations, and education.

I was preparing to give a report on the opera Frankenstein by Libby Larsen for the class “Opera After Einstein.” I was required to use either a musical score or a recording in my presentation, and I couldn’t find either. I asked Jacey Kepich, research services librarian for music, dance and theatre, if she could track down a score or recording. Even before she got back to me, I had an email from the composer’s agent, whom Jacey had contacted on my behalf. The agent sent me a digital score, a video recording, and an audio recording. From those materials, I created a presentation and a research paper about voiceless characters in opera, which my professor suggested I revise and send for publication.

- Madelaine MacQueen, Second Year PhD Student in Musicology

(Photograph courtesy of Renée M. Sentilles)
Instruction can take up anywhere between 10% to 50% of a librarian’s job at Kelvin Smith Library. Whether through one-on-one consultations, small groups, workshops, or classes, librarians teach information literacy skills important to collegiate learning.

In the spring of 2018, Einav Rabinovitch-Fox, visiting instructor in the history department, partnered with Kelvin Smith Library staff, Jen Starkey, research services librarian, and Amanda Koziura, digital learning and scholarship librarian, for the class, “Gender and Technology.” The class explored the intersection of gender, class, race, and technology. Starkey and Koziura helped Rabinovitch-Fox develop an alternative class assignment that challenged the typical 10-page research paper found in most classes.

The class assignment tested students’ ability to research and write a Wikipedia entry on any woman who has made a significant achievement in technology. In the classroom, Koziura and Starkey helped students: 1) understand the role of Wikipedia and how people consume information, 2) learn how to effectively use library resources to build research, and most importantly, 3) generate accurate information by finding trusted primary sources and incorporating complete citations.

“It was an excellent exercise in researching, evaluating sources, and writing,” says Rabinovitch-Fox. “Students submitted some well-researched pages. I doubt these students would have done half of the research if it were a ‘traditional’ paper. They might not have produced a lot in terms of volume of words, or sophisticated argument, but I’m really proud of them for mastering research skills.”

It is said on campus that research is Case Western Reserve University’s brand. With librarians at the forefront of the scholarly community with the crucial task of supporting its learners and teachers, the university’s ability to realize its full potential as a research institution depends on how well it leverages the people and talents of Kelvin Smith Library.

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**Personal Librarian Program**

In its seventh year, the Personal Librarian Program focuses on building relationships between the library and students by integrating library services and resources early on in the college learning experience.

This year’s theme, “**Meet Your Research Coach: Work Smart, Not Hard**” was developed to increase awareness of the library’s programs and services, improve engagement with the university community, and see an overall increase in participation rates at library events, classes, and workshops.

(images to the right) Research services librarians participating in the 2018-2019 personal librarian program. (top row) Mark Clemente, Jen Starkey, and Yuening Zhang; (bottom row) Jacey Kepich, Brian Gray, and Karen Oye. Mark Eddy is featured in the two rightmost photos.
Kelvin Smith Library not only brings in content and resources to support Case Western Reserve University, but it brings in a great wealth of talent and burgeoning research to the campus. The library is interested in creating access to leaders on issues that impact the way we educate. To accomplish this, Kelvin Smith Library has been the host of conferences that not only educate the local library staff but help to build the groundwork for learners and teachers from across the country.

In its third year, the 2018 Personal Librarian and First Year Experience Library Conference is the first and only of its kind in the country that focuses on all aspects of the first year student experience and the personalization of library outreach and services for incoming students. Additionally, the conference is centered around creating sustainable library initiatives, assessing service and resource outcomes, and building collaborative relationships between the library and across the academic enterprise.

I learned that connecting with students is very important as soon as they walk onto our campus. To consider the student as a whole person with a myriad of factors—culture, socioeconomic status, and race. It affects how they experience the university.

- A response from the post-conference survey.

In its third year, the 2018 Personal Librarian and First Year Experience Library Conference is the first and only of its kind in the country that focuses on all aspects of the first year student experience and the personalization of library outreach and services for incoming students. Additionally, the conference is centered around creating sustainable library initiatives, assessing service and resource outcomes, and building collaborative relationships between the library and across the academic enterprise.
WHAT ARE CASE WESTERN RESERVE UNIVERSITY’S ARCHIVES?
The historical record of generations of Case Western Reserve University students, faculty, and staff can be found at Case Western Reserve University’s Archives in the form of yearbooks, college applications, newspaper articles, unpublished photos of campus student-life, and much more. Campus history has shaped the thriving community as it stands today, and this recorded history can all be found at the archives.

MEET THE TEAM
Helen Conger, Christine Liebson, Jill Tatem, and Julia Teran, have served the archives for a combined 65 years. They focus on making available to the public the people, the traditions, the programs, and the milestones that have shaped the legacy of Case Western Reserve University.

After 38 years of service, Jill Tatem retired from Kelvin Smith Library in September 2018. She completed a highly distinguished career during which she advanced the research of innumerable faculty, staff, students, and alumni of the university.

PROJECT STAND Learn More: https://standarchives.com/
In June 2017, a coalition of Ohio academic archivists launched Project STAND (Student Activism Now Documented) to create a research platform for the historical and archival record of activism that takes place on university campuses. The collection includes documentation of marches, protests, occupations, and leafleting on campuses spanning 175 years of American collegiate history. At Case Western Reserve University, Kelvin Smith Library is the primary sponsor for the platform, and Helen Conger serves on the advisory board.

Student Movement sponsors meeting
By PAUL KERSON
The Case-Reserve Student Movement (anti-imperialist) was the sponsor of an open meeting held Sunday at 2:30 in Room 305 of
Gillian Prater-Lee, a third year undergraduate student studying political science, social justice, and mathematics, used research she found at the archives to present on “Women’s Liberation at CWRU 1965-1972” as part of the Social Justice Institute and Flora Stone Mather Center for Women’s Spotlight on Women’s Research on April 6, 2017.

“The archives staff and materials were instrumental to my research on the history of social justice activism. From searchable newspaper records to well organized and preserved flyers from campus activities and student organizations, the expansive set of materials at the archives were the basis for my research project. Furthermore, Helen and Jill helped me locate and understand how the archival material could be used to create a cohesive narrative about activist activity on our campus during this time period.”

- Gillian Prater-Lee, Third Year Undergraduate Student

Cameron Childers, graduated from Case Western Reserve University in 2018 with a B.A. in sociology, religious studies, and women’s and gender studies. Prior to his graduation, he wrote an opinion piece in The Observer in response to the outcry over Cleveland State University’s handling of a flyer attacking LGBT members of the community. Using materials from the archives, Childers built his essay on the knowledge of past campus events that shaped LGBT and social justice issues today.

Read Cameron’s Article: [http://bit.ly/2CZs7MH](http://bit.ly/2CZs7MH)

Matt Hooke, a third year undergraduate student majoring in English and a staff reporter for The Observer, used analog and digital sources at the archives to piece together the history of campus activism in his article, “Legacy Week to Look Back on Federation, University Development.”

The Me Too, Black Lives Matter, and Occupy Wall Street movements are not unprecedented events. Throughout modern history, college campuses have not only been a part of these national movements, but have consistently been a hotbed for activism. Case Western Reserve University has had a deep history of activism since its inception nearly two centuries ago and Case Western Reserve University’s Archives of Kelvin Smith Library have been recording history as it happens.

**1854 | Abolitionism**

Leading up to the Civil War, abolitionist sentiment was strong among the students and faculty at Western Reserve College in Hudson. Frederick Douglass, a national leader of abolitionism, gave the annual commencement address in 1854. Following the event, a contentious debate took place on campus that resulted in the resignation of two leading faculty and proponents of abolitionism, and President Charles Storrs, who eventually became a national martyr in the cause of abolitionism.

**1915 | Women's Suffrage**

The earliest known record of the Equal Suffrage Chapter of the College for Women was in 1915. It was led by Emma Perkins, Latin professor at the College for Women. The purpose was “to promote equal suffrage sentiment among the college women.” The group eventually became an auxiliary branch to the local Cleveland suffrage party.

**1968 | Equal Rights**

“Mather girls wore slacks to sit-down dinner again this week,” reports Laura Kopelson in the *Reserve Tribune* (8 March 1968, No. 32). On February 26, 1968, Mather College students staged a “slack-in” at Wade Commons. Protesting the rule that female students must wear skirts to dinner, students dressed in slacks instead. The student interdormitory governing group had petitioned for a change in the rule, which was approved by Dean Elizabeth Walker early in March. Dean Walker responded to the petition in a letter to the Interdorm President, Chris Krupsa, stating, “The present request of the board to recognize slacks as customary classroom attire is, I think, justified, and I am quite willing to accept your opinion that you consider yourselves appropriately dressed for dinner at home in neat slacks.”

**1969 | First CWRU Black History Week**

In February 1969, the Afro-American Society sponsored the first-ever Black History Week at Case Western Reserve University. Stephanie Tubbs, co-chair of the Afro-American Society, described it as “one of the ways we plan to bring the black community and the university closer together.” Black History Week originated as one of the demands presented to President Robert W. Morse in December 1968 by the Afro-American Society. The week’s program included a fashion show, seminars, poetry, and gospel music.
1970 | **ANTI-VIETNAM WAR PROTESTS**

In response to President Richard Nixon’s announcement on April 30, 1970 that American troops will be entering Cambodia, 50 people, made up of students and faculty, forcibly entered Yost building, demanding an end to the ROTC program. The Air Force ROTC offices were located in the basement of the same building. The following day, a rally took place on Case Quad with reports estimating a crowd of over 1,000 people. Over a period of seven days of protests, the ROTC program was eventually terminated.

1997 | **POLICE BRUTALITY**

Students organized the first annual benefit to protest police brutality at Coventry’s Grog Shop. The event featured poet laureate of Cuyahoga County, Daniel Thompson, representatives from Refuse and Resist, as well as the Committee of 500 Years of Dignity and Resist.

1997 | **COMING OUT WEEK**

The Lesbian Gay Bisexual Transgender Center was known on campus as The Gay Lesbian Bisexual Alliance (GLBA) in the 1990s. Every year, as part of National Coming Out Week, GLBA programmed events to bring more awareness to the LGBT community on campus.

1997 | **SEXUAL ASSAULT**

Over 125 students, faculty, and administrators attended the Association for Women Students’ (AWS) vigil in response to on-campus rape allegations.

2001 | **SOCIAL JUSTICE WEEK**

Started by the United Protestant Campus Ministries (UPCaM), Social Justice Week was designed around issues of gender, race, and social inequality. The events were sponsored by a diverse number of campus groups including Sierra Club, Amnesty International, and the Feminist Majority Leadership Alliance. The events included a theater demonstration focused on civil liberty violations following September 11th, and most notable was the “Pay Equity Bake Sale” where male customers were charged $1.00 while female customers were charged $0.70.

2003 | **ANTI-WAR TEACH-IN**

When the United States was deep in the Iraq War, Case for Peace, an interest group made up of faculty and staff opposed to the US’s intervention, organized a lecture entitled, “Building the Anti-War Movement: Where Do We Go From Here?”
This summer, Kelvin Smith Library relaunched Digital Case—the third upgrade in 15 years. The new Digital Case boasts a more robust and flexible storage capacity. The redesign improves ease of use, and more importantly, the content’s upgraded descriptions optimizes internet search results so users can more easily find what they are looking for on the library website or on search engines, such as Google.

In Digital Case, researchers can find publications and research data authored by faculty, staff, and students, as well as photographs, audio recordings, and copies of rare books and manuscripts from the library’s collections. The growing repository contains content that has long-term scholarly value that supports the research and teaching of the learning community around the globe.

Researchers and funding institutions increasingly see the value of repositories like Digital Case. The National Science Foundation and other major national funding institutions began requiring data repository plans from institutions that receive funding. This requirement encourages research to be shared. As scholarship and research continue to evolve in the digital realm, the library is, without a doubt, playing a significant role.
In the mid-1900s, Otto Frederick Ege, Dean of the Cleveland Institute of Art, controversially practiced biblioclasty or “book-breaking” by dismantling rare medieval manuscripts and selling them individually.

Lisa Fagin Davis, PhD, executive director of the Medieval Academy of America, is a medievalist digitally reconstructing The Beauvais Missal from the Otto F. Ege Collection, which was dismembered and scattered around the world. Digital Case made the library’s own Otto F. Ege Collection easily available to her and now appears on her project website, “Reconstructing The Beauvais Missal”: https://brokenbooks2.omeka.net/
Digitization gives frail and vulnerable materials an infinite life in digital form. At the library, antiquated materials can be digitized, from audio or video tapes from the 1990s, letters from the 1800s, film from the 1960s, to glass plate negatives from the 1910s.

Kelvin Smith Library’s new Digitization Lab provides state-of-the-art capacity to digitize the library’s growing collections. In the process, the library digitizes at industry specifications so that when new content is digitized it is done so with the greatest standards to ensure its future longevity. The motto here is, “digitize once and with preservation standards.” Then work must be put into the categorization, description, and tagging of the item to ensure that the digitized content can be found and easily accessed.

The digitization lab requires constant maintenance to ensure it has the most up-to-date technology. We are seeking potential donors who are interested in endowing the lab in their name. For more information, contact Christine Klecic by email at christine.klecic@case.edu or phone at 216 368-3510.
The Sony Tape Deck plays open reel audio tape most popularly used in the 1960s and 1970s. The Zoom H2N Recorder digitizes the audio.

The Webster plays recording wire used most popularly in the 1940s. The Zoom H2N Recorder digitizes the audio.

The AV stack consists of a Panasonic SVHS, a Sony Umatic, and a Samsung VHS (for international tapes). This stack digitizes videotapes used typically from the 1970s to the 1990s.

The FocusScan digitizes sound film used predominately from the 1920s to the 1970s.
Bridging Cleveland Institutions: Kelvin Smith Library’s Digitization Lab Brings Life to an Exhibit at The Cleveland Museum of Natural History

In the Spring of 2018, The Cleveland Museum of Natural History unveiled “Sailing for Science: The Voyage of the Blossom,” an exhibit featuring artifacts from the museum’s first expedition. The “Voyage of the Blossom” exhibit was the museum’s first fully in-house built exhibit in the last 10 years, and it was no small feat. With no conservator, and lacking the appropriate equipment, the museum’s librarian and archivist, Wendy Wasman, sought help from Kelvin Smith Library’s preservation officer, Andrew Mancuso, and creative new media officer, Jared Bendis. Together, they created a facsimile of the 6.5-foot map of Trinidad Island. Wasman was looking to recreate the map without damage to the original. “It was a natural partnership. Kelvin Smith Library has the equipment and expertise,” related Wasman.

Kelvin Smith Library was proud to take part in this cross-institutional partnership, especially one with deep historical roots for the city of Cleveland. It reinforces the library’s commitment to scholarship not only within the campus community but for the world of learning.

When the museum first opened in 1922, the Blossom voyage was the museum’s first sponsored expedition and the first of its kind for the city of Cleveland. Funding voyages, with the purpose of bringing back specimens, was a way to build a museum’s collection. The expedition’s leader and the museum’s newly hired ornithologist, George Finlay Simmons, organized a 15-membered crew and embarked on a three-year voyage across the Atlantic. They returned with 12,000 specimens, 4,000 photos, and thousands of feet of film, which ultimately made up one of the first collections at The Cleveland Museum of Natural History.

On one particular harrowing leg of the expedition, the ship stopped at Trinidad Island, in the middle of the South Atlantic. Believing it to be the real-life Treasure Island, as depicted in Robert Louis Stevenson’s Treasure Island, the crew surveyed and mapped the island, something that had not been done previously. From their stay on Trinidad Island, the crew drew a 6.5-foot long geological map.

“"It was a natural partnership. Kelvin Smith Library has the equipment and expertise."
- Wendy Wasman, Librarian & Archivist, The Cleveland Museum of Natural History
Andrew Mancuso, preservation officer at Kelvin Smith Library, spent two weeks preparing the map for a flat-bed scan on the library’s Indus ScanMaster 0 52x36” 600 DPI Scanner. To accomplish this, the original map needed to be flattened and cleaned before it could be properly scanned. After two weeks of treatment, the map was scanned and printed using equipment from Kelvin Smith Library’s Digitization Lab. The map facsimile became a major piece in the exhibit, which was on display until August 2018.

Original Map. Visible creases with exposed weakened edges.  
(Photograph courtesy of Andrew Mancuso)

Original map flattened over two weeks.  
(Photograph courtesy of Andrew Mancuso)

The Trinidad Map was sandwiched between strips of damp blotters, a layer of Gore-Text, and a sheet of Hollytex. Creases were flattened in a drying pack under weights for one week. Additionally, I included one sheet of blue board on the bottom to help the air circulate.

- Andrew Mancuso, Kelvin Smith Library, Preservation Officer. Notes from the project report.

The item responded well to flattening. Creases were still visible as humidification was not aggressive enough to relax the fibers fully. Since no cleaning was done prior, aggressive humidification was not advisable.

- Andrew Mancuso, Kelvin Smith Library, Preservation Officer. Notes from the project report after the treatment.
The Freedman Center for Digital Scholarship is the library’s technological arm, and in the 12 years since its inception, it has expanded to over 2,700 square feet of functional workspace featuring state-of-the-art equipment. It has positioned itself as the driver of academic creativity and today, the library is not only changing the way research is conducted on campus, but through the work of library staff, it is beginning to harness the power of modern technology to address critical social justice issues affecting the surrounding communities.

Rachel Lovell, PhD, and Misty Luminais, PhD, senior research associates at the Begun Center for Violence Prevention Education & Research and 2017-2018 Freedman Fellows, have collected data from over 500 backlogged Sexual Assault Kits from Cuyahoga County in the last 20 years. The project is part of a larger initiative—the Cuyahoga County Sexual Assault Kit Initiative—to investigate 5,000 untested rape kits. With funding from federal and local grants, the Begun Center is receiving a total of $1.43 million to underwrite this project. So far, “the project has resulted in over 700 indictments.” (Plain Dealer, Rachel Dissell)

Although rape kits were often collected in the mid-1990s, DNA testing was not available until years later, and when available, the testing was expensive, with costs running upwards of $5,000 to $10,000 per kit. Since then, major improvements in DNA testing have reduced the cost and time to process the kit. It is now Ohio law to test current and backlogged rape kits.

Using the Freedman Center’s ArcGIS visual mapping software, Lovell and Luminais are exploring the spatial relationships between attackers, survivors, and the surrounding environment. By exploring the geographical data and making it available to the public, they aim to be a resource to researchers and the community, where historical data at this level of detail has not been seen before.

Probing into this correlation more deeply, they discovered other alarming injustices in those same areas, including lead poisoning in children and lowered access to high-speed internet. These examples demonstrate how social disparities are
geographically linked in certain economically disadvantaged communities that have had a history of underinvestment, segregation, and systematic neglect. The implications for public policy decision-making are significant.

“Our ultimate goal is to change the way we talk about rape, treat rape victims, and support them,” says Lovell.

“The Freedman Fellowship is going to leverage our data in a way that we wouldn’t be able to analyze otherwise. It is a way for us to engage with the community. More than text, visualization allows people to understand the data and how it impacts them. We want to make sure Clevelanders are engaged with this data,” says Luminais. They are continuing this work and are currently exploring the factors that might be contributing to survivors’ increased risk of rape as well as what can be done to make those communities safer for the residents who live there.
Migration patterns in Cleveland and its surrounding suburbs have always been a source of debate in city politics. Cleveland Heights is one such neighborhood that has experienced population changes in the last 20 years with significant effects on its public schools.

Brittany Rabb is a senior undergraduate student studying the relationship between race and education in Cleveland Heights. Using the Freedman Center’s ArcGIS technology and working closely with Kelvin Smith Library staff, Rabb mapped the racial and economic data of the city since 1990 and found that the decline in public school performances corresponded to the changing racial makeup in the schools and in Cleveland Heights neighborhoods.

According to the Mandel School of Applied Social Sciences NEOCANDO database, Cleveland Heights is currently evenly divided among white and black households. However, the ratio between white and black students looks very different in the educational system, with black students making up around 80% of the population and white students making up only 20%. A number of reasons can account for this imbalance. School administrators interviewed by Rabb claimed aging populations, smaller families, and families that enroll their children in private schools in surrounding neighborhoods are possible reasons why there are fewer white students in the school system.

As a result, Cleveland Heights schools are struggling to keep up with the shifting demographic. They are seeing more poor and underserved student enrollments. With an increase in poorer student populations, schools are finding greater challenges, including: supplying food and clothing, addressing deficits in knowledge, and altering education styles to fit student needs, among many other issues.
3 Freedman Center Library Projects

**Project #3: Freedman Center Technology Support for Student Project to Produce 3D Images for the Cleveland Museum of Natural History**

The vast majority of museum collections lie in rows of storage shelves behind closed doors. Museums select their best artifacts and specimens for display, as many objects simply do not fit into a museum’s limited space.

Jacob Kordeleski, a junior completing his Classics capstone, has been working with library staff to produce 3D images of some of The Cleveland Museum of Natural History’s most prized and tucked-away artifacts.

“I found some specimens function even better in a rotatable 3D format. One day, I hope virtual-reality exhibits become commonplace in museums,” says Kordeleski.

Currently, 3D exhibits in museums are in early development. Kordeleski envisions a new virtual reality museum experience where people can visit museums from across the world. While virtual reality does not replace the experience of seeing artifacts in person, the educational value of virtual reality can be significant and can break down the barriers of time and distance.

“My project would not be possible without the resources I have in the Freedman Center. Photogrammetry, the method I use to generate my 3D models, is a complicated process with a definite learning curve. The computers in the Freedman Center not only have the software I need, but they perform much better than any other computer I have access to,” says Kordeleski.

"The library staff has been helpful in telling me the best ways to do things, the best places to get data, the best ways to show my data. They know the software so well and they know what I’m trying to accomplish. They’ve been great in mentoring me to get to that point."

- Brittany Rabb, Fourth Year Undergraduate Student

"(Photo Courtesy of Jacob Kordeleski)"

**Selection of the 2018-2019 Freedman Student Fellows**

The program helps students integrate new digital tools and technology into their research: [http://bit.ly/2D1fUWW](http://bit.ly/2D1fUWW)

- **Leah Davydov** *(Graduate, PhD in Social Welfare)* will use Text Encoding Initiative (TEI) to create a digital edition of H.G. Wells’ *The Invisible Man*.
- **Tyrone Hamler** *(Graduate, PhD in Social Welfare)* will study pre-dialysis decision-making among elderly African Americans.
- **Asha Ravichandran** *(Undergraduate in Classics)* will use Geographic Information System (GIS) to study how local resources may be more effectively used to serve homeless populations.
- **Stormy Sweitzer** *(Graduate, PhD in Organizational Behavior)* will study the “accidental” formation of the world’s largest women’s motorcycle organization.
Not everything in the library involves the latest popular science journal or cutting-edge 3D equipment. Interlibrary Loan (ILL) is among a dozen of library services that have thrived for decades because of their success in serving the students and faculty of the university community.

ILL is a resource-sharing international library network that allows patrons to borrow books, journal articles, music, DVDs, and more from libraries around the world. Library users can tap into ILL when the resource they are looking for is not available in the library’s existing collection or cannot be obtained through OhioLINK or SearchOhio (a resource-sharing Ohio consortium of academic libraries and a resource-sharing public library network, respectively).

ILL is not a new service, but large-scale, long-distance lending and borrowing, as ILL exists today, is possible because of the world wide web. The internet made vast online library databases and instant messaging possible, which completely changed the speed and process with which libraries communicate across the world.

This sharing among libraries worldwide to make ILL possible is a superb demonstration of cooperative library ventures. It is an example of how libraries have adapted with time and technology to meet the needs of its patrons. This ensures a resource-rich learning environment that enables exploration, analysis, and the laying of groundwork for new discoveries no matter where you are in the world.

Elanor Zackowski manages the lending side of ILL at Kelvin Smith Library by making our resources available to learners around the world.

Carl Mariani has been a part of ILL services for 31 years at the university. He is the author of the blog, Carl’s ILLiad Blog, containing all-things ILL. Mariani currently manages the borrowing side of ILL by helping students, faculty, and staff obtain hard-to-get resources from across the globe.
“KSL’s ILL service is so good, and Mr. Mariani is so fast, that I’ve taken to watching how quickly he hunts down and requests my books through the ILL portal where you can see timestamps for each step in the process. The answer? Usually a matter of minutes from the moment I make my request.”

- John Broich, Associate Professor of History

“I use Interlibrary Loan on a regular basis and I am so thankful that this resource is available here at Case. Many of the books and musical scores I need for my research are either very recently published or out-of-print items owned by one or two libraries, and Carl is always able to help me acquire the resources I need. Recently, he even went out of his way to help me borrow a unique score from another library’s special collections. With Carl’s help, I was able to look at this score while listening to a recording of the piece, which makes a huge difference! Thank you, Carl, for all the great work you do!”

- Kate Rogers, PhD Candidate in Historical Musicology

“Sometimes I’ll come across a reference to an item in a publication that relates to a film I’m researching. Sometimes this item will be 80 years old, in a publication I have never heard of, and it might be only a blurb—a few sentences long. But it will sound really interesting. More than once, I have requested such an item through Interlibrary Loan, often with the understanding that my request for something so obscure—the kind of thing people travel to obtain—will likely come to nothing. Fantastically diligent and resourceful, Carl has repeatedly astonished me by not only finding this item but finding it quickly.”

- Robert Spadoni, Armington Professor, Film Studies, Department of English
The modern academic library finds itself in a very difficult position. Libraries are seeing an erosion of their purchasing power due to uncapped subscription costs and static library budgets. Partner organizations, such as OhioLINK, which provide students and faculty access to millions of additional books and resources, are seeing major budgetary reductions. Yet, demand for library resources has only increased.

Despite these major budgetary limitations, Kelvin Smith Library staff have skillfully reallocated funds each year to make judicious changes to the collections to cope with these challenges. The library determines if newly purchased books help a student with a paper or a faculty member on their research. Research services librarians are communicating with faculty to consolidate resources to meet the changing needs of curriculum and research. Library staff are experimenting with user-driven purchasing models that make purchases only after it is guaranteed use. The question we ask throughout the process is, “will this purchase add value to someone’s learning or teaching journey?”

You will find a few of the library’s new purchases here:

**NEW RESOURCES**

- [Women’s Issues & Identities](https://bit.ly/2ObIXsJ)
- [Library.CQPress.com/CQResearcher/](http://library.cqpress.com/cqresearcher/)
- [Academic Video Online](https://bit.ly/2NYR815)

**DISCIPLINES THAT BENEFIT**

- Women and Gender Studies/ Anthropology/ Sociology
- Political Science/ Religion/ Sociology/ Public Policy/ Economics/ International Affairs
- Anthropology/ Dance/ History/ Criminal Justice and Public Safety/ Education/ Engineering/ Film/ Literature/ Music/ Psychology
<table>
<thead>
<tr>
<th>NEW RESOURCES</th>
<th>DISCIPLINES THAT BENEFIT</th>
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<tr>
<td><img src="http://bit.ly/2OZ9MPk" alt="FINANCIAL TIMES" /></td>
<td>All disciplines, especially: Economics/Politics/Technology/Sociology</td>
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<tr>
<td><img src="http://bit.ly/2QUs5YZ" alt="The New York Times" /></td>
<td>All disciplines, especially: Technology/Business/Politics/Health and Science/Education</td>
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<tr>
<td><img src="http://bit.ly/2OwHPQv" alt="philpapers" /></td>
<td>Philosophy/Metaphysics and Epistemology/Science and Mathematics/HISTORY of Philosophy</td>
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<tr>
<td><img src="http://bit.ly/2xxW3JC" alt="Scopus SciVal" /></td>
<td>All research disciplines (see the annual report on page 34 to learn how the library uses this new resource)</td>
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<tr>
<td><img src="http://bit.ly/2J6cUc8" alt="ProQuest PRIMARY COLLECTIONS" /></td>
<td>Polymer Science/Neuroscience</td>
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**NEW JOURNALS AT KELVIN SMITH LIBRARY**

**Arts & Humanities**
- Almagest: International Journal for the History of Scientific Ideas
- Classical Quarterly
- Classical Review
- European Journal of Politics & Gender
- Gesture
- Journal of Epigraphic Studies
- Journal of Global History
- LIT: Literature Interpretation Theory
- PhilPapers
- PS - Political Science
- World Biographical Index
- Visual Resources

**Science & Engineering**
- ACS Applied Energy Materials
- ACS Applied Nano Materials
- Advanced Materials Interfaces
- Earthquake Spectra
- Green Materials
- Journal of Applied Polymer Science Archive
- Journal of Polymer Science Archive
- Journal of the Royal Society Interface
- MRS Bulletin
- Philosophical Magazine Letters
- Process Safety Progress
- Soft Robotics
- Structure & Infrastructure Engineering

**Social Sciences**
- New Political Economy
- OECD Health Statistics
- Research Evaluation
In April 2018, the Museum of Contemporary Art Cleveland (MOCA) selected Kelvin Smith Library as its archival repository to preserve its 50-year history from 1968 to 2010. MOCA has been bringing contemporary art of the highest level to Northeast Ohio. The collection consists of artist and exhibit files, catalogs, audio-visual materials, photographs, and posters.

Since 2011, Kelvin Smith Library has been proud to build some of the region’s most hallowed collections in the fine and performing arts. This began with the Cleveland Play House Collection. In 2018, we added the SPACES Gallery Archives and Cleveland Performance Art Festival Collection.
One of the key things to keep in mind, is that all of these archives are from places that present really important but ephemeral art experiences. So, whether it’s a theatrical performance or an exhibition, it happens in a transitory moment or series of moments. The fact that the library is willing to digitize the archival materials and make them available means that that “transitoriness” isn’t death. Meaning, it is not over the minute the exhibition closes. It’s not over the minute the play is done. It is possible for these creative expressions to have new life and to have a much bigger audience—a global audience. This isn’t just important for the local Cleveland community but it is important for everyone in the world.

The conversation that we have with scholars spans generations and centuries. If it isn’t going to be made use of instantly, that changes nothing. In my intellectual life, I’m having conversations with people who died a hundred years ago and people are going to be having conversations with me, I hope, a century after I die. So, putting this material online keeps it from being extinguished and it gives it a long trajectory of use.

The library’s role is vital because the library is able to provide professional staff who understand how to organize data and make it available. By digitizing these materials and organizing the archives, and making it accessible, Kelvin Smith Library is giving all of these expressions of human creativity new life.

How do MOCA, SPACES, Cleveland Play House, and Cleveland Performance Art Festival Collections at Kelvin Smith Library benefit the community?

Kelvin Smith Library continually works to archive material for public use. Why is this important?

How is the library playing an important role with these collections?
Curators Kyle Croft and Asher Mones worked with Kelvin Smith Library (KSL) archivists to access the library’s Cleveland Performance Art Festival (PAF) Collection, especially the records of artist, Frank Green, for the exhibit “Cell Count—Visual AIDS” at the La MaMa Galleria in New York City.

Croft and Mones found recordings from the library’s PAF collection with an excerpt from Frank Green’s “Five Letters From Jane for (Fe)Male Voices with Shouters and Chains” and developed a thoughtful view of Green’s art for the exhibit.

The exhibit “unpacks the metaphors and assumptions” associated with the prosecution and incarceration of people living with HIV and was on display until June 16, 2018.

“I was running into hurdles and obstacles in accessing materials at other archives. I was thrilled that Eleanor Blackman, scholarly resources and special collections archivist at Kelvin Smith Library, digitally transferred material to me without having to actually travel to Cleveland, something that wouldn’t have been possible for me financially on this project. Eleanor was very generous in pulling out Frank’s file herself and scanning the hundred pages of materials that were in there.

The most exciting discovery for me, though, was that the PAF collection contained hours of video of Frank’s performances and many of them had already been digitized. This was really surprising to me—every other time I have encountered video in an archive, I’ve been restricted from even viewing it due to conservation concerns. That these videos were already transferred and able to be shared with me speaks to great foresight by both the library and PAF. Performance art is, of course, ephemeral and time-based and thus poses unique challenges for historians. Film and video documentation is the richest source we can hope for when trying to understand an artist’s performance work.

- Kyle Croft, Exhibit Curator

Visual AIDS website for Cell Count: http://visualaids.org/events/detail/cell-count
2018
KELVIN SMITH LIBRARY’S
ANNUAL REPORT
“It is a part of library lore that the students at the Case Institute of Technology preferred science fiction and fantasy as their leisure reading, and the librarians at Sears Library (the predecessor to Kelvin Smith Library) purchased materials in this genre by popular demand,” said Eleanor Blackman, scholarly resources and special collections archivist. “We only have the stories but the books on the shelves back up that story.”

As the library began growing the Science Fiction Collection beginning in the 1960s, students and faculty science fiction fans began donating their own books to the library whenever they graduated, moved to another teaching post, or retired.

Over time, the science fiction collection grew and Kelvin Smith Library now holds an incredibly rich science fiction collection from the 1930s to the 2010s. The collection includes pulp series, novels, fanzines, and first editions from some of the most respected authors of its time. Among others, Francis Barry Keefe, a local attorney and School of Law graduate (1973) continues to donate to the collection today.

Two university alumni, **Andre Alice Norton** (FSM, 1930-1931) and **Roger Zelazny** (ADL ‘59), are hugely popular in science fiction writing and have had a great deal of influence on the development of the genre.

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**“Why I Donated to the SF Collection”**

- After my first year of law school, I got a much-needed summer job as a temporary mail-room operator in the medical school. The job had busy times but also some down-times, which became filled with science fiction adventures by Edgar Rice Burroughs. Recalling that experience, I decided to start with the library as a possible place for my collection. It was the enthusiastic and cheerful reception at the library that sealed the deal.

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- Richard Wiersba (LYS ‘78)

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- Francis Barry Keefe (LAW ‘73)
Turning Science Fiction Into Science Fact

In 1961, following John F. Kennedy’s commitment to a lunar landing within 10 years, the race to the moon captivated American politics, education, and pop culture. Two special collections began at the library during the country’s fascination with science, space, and technology: **Science Fiction** and **The History of Science and Technology**.

The History of Science and Technology Collection

By far, one of the most widely used collections at Kelvin Smith Library (KSL) is **The History of Science and Technology Collection**. Established in 1963, the collection has grown to include some of the world’s most important original primary sources on scientific research. The collection includes rare books, serials, manuscripts, laboratory notes, and drawings from all branches of science including electrochemistry, engineering, astronomy, and metallurgy.

The Kelvin Smith Library acquired **The Thomas F. Peterson, Jr. Telegraphy Collection** in September 2017 documenting how telegraphy was instrumental to transforming the modern world. The collection includes photographs, records of international telecommunications diplomacy, scientific works, and much more. *(Image Courtesy of Jared Bendis)*

We used the Clifford M. Holland Papers from The History of Science and Technology Collection in Special Collections to write an article on the Battery-Joralemon Street Tunnel under the East River in New York City. The Clifford M. Holland Papers include unique documents on the life of one of our nation’s top civil engineers. As part of the collection, Kelvin Smith Library owns the 1826 first edition of Claude Navier’s *Lecons*, a very valuable book for the history of engineering.

* - Dario Gasparini, Professor of Civil Engineering

*The drawing shows the concept of leads in tunnel steering. *(The Clifford M. Holland Collection)*

*Thanks to the generous donation of Thomas F. Peterson, Jr., Kelvin Smith Library will now become one of the preeminent institutions for the historical study of telegraphy and related telecommunications technologies, telephony, and radio. This extraordinary collection will help launch the next generation of historical scholarship on telegraphy and show the diverse ways it helped shape the modern era around the globe.*

- Peter A. Shulman, Associate Professor of History

**Sample of what you can find in the collection:**

- **Charles G. Abbot Papers** | development of gyroscopic apparatus by General Electric Co.
- **Charles F. Brush, Sr. Papers** | personal, business, and scientific papers of the inventor of the arc lighting system
- **Fred H. Colvin Papers** | history of the American machine tool industry
- **S. Colum Gilfillan Papers** | patent history and development

Thanks to the generous donation of Thomas F. Peterson, Jr., Kelvin Smith Library will now become one of the preeminent institutions for the historical study of telegraphy and related telecommunications technologies, telephony, and radio. This extraordinary collection will help launch the next generation of historical scholarship on telegraphy and show the diverse ways it helped shape the modern era around the globe.

- Peter A. Shulman, Associate Professor of History

The Charles F. Brush, Sr. Papers in The Science and Technology Collection were used so frequently that KSL secured grant funding to digitize the entire collection in 2010, making it more available than ever. Every page of the collection is available to download in Digital Case: [DIGITAL.CASE.EDU](http://www.digital.case.edu)
One look around retired corporate and securities lawyer Robert H. Jackson’s (LAW ’61) home will reveal the presence of a serious bibliophile. Thousands of volumes of primarily English and American authors of the 19th and 20th centuries are housed in two libraries on the first floor.

Jackson has donated more than 50 rare volumes that reflect his eclectic interests to Special Collections and Archives at the Kelvin Smith Library (KSL). They range from 19th-century books like *The History of Don Quixote* by Miguel de Cervantes to several Charles Dickens novels in their original parts.

“I give books that I know will fulfill a specific institutional need and Special Collections is fundamental to the mission of scholarly research at Case Western Reserve University,” Jackson stated.

Thomas P. Slavin (GRS ’66), another bibliophile and donor to KSL, echoed Jackson’s thoughts. “A great city needs a great university, and a strong library is the university’s backbone.” Slavin, a semi-retired entrepreneur and retired president of Million Air, a fuel and maintenance facility at Burke Lakefront Airport, is a collector of private press books and first edition association copies of American novels. His donation of dozens of rare books to KSL span the worlds of art, music, poetry, and politics.

“I love books, I’m a reader,” Slavin explained. “Books opened up a new realm for me, not only for the words but for the quality of the printing and paper. Collecting books takes a lot of time, money, and emotion, but I’ve learned a great deal from collecting over the years.”

The first book Slavin donated to KSL was an antiphonary from 1612, a book of music from a Carthusian monastery that he bought in an antique shop in Florence. “It is the only edition in this country and it is well used by the students doing research.”

Jackson began his lifelong commitment to collecting with science fiction magazines as a teenager, and until recently had the largest collection of *Beat Generation* books in the world. “But mostly I got started because, like Tom, I read books and got into the history of books.”

The carefully-selected books and manuscripts donated by Jackson and Slavin significantly enhanced KSL’s Special Collections, which is highly regarded for its collections of books and materials on the history of science, the history of the book, and a large and varied manuscript collection, among others.

“The value of the books and materials Tom and Bob have given to us is inestimable,” related Arnold Hirshon, Associate Provost and University Librarian. “Our faculty and student researchers are thrilled that we are able to provide them with such valuable resources.”
Charles Dickens (1812-1870). *Bleak House*. First Edition in original monthly parts. The first part of *Bleak House* sold 30,000 copies and subsequent parts upwards of 40,000.

*Carthusian Antiphonary* (1612). To date, no other known copies of the book exist. It is believed to be prepared by Carthusian monks of Pavia.

For more information about how you can support Kelvin Smith Library, please contact Christine Klecic, director of library development, at 216 368-3510 or christine.klecic@case.edu. To give electronically go to: http://library.case.edu/ksl/aboutus/give/