

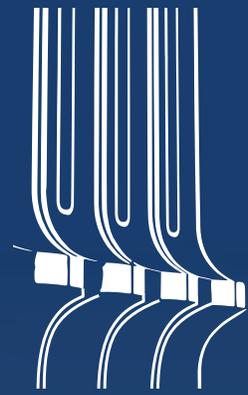
Annual Report 2020-21



UCI Libraries

UCI Libraries

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“

Google can bring you back 100,000 answers,
a librarian can bring you back the right one.”

Neil Gaiman, author.

WHAT DOES THE LIBRARY OF THE 21ST CENTURY LOOK LIKE?



Lorelei Tanji
University Librarian

Each day, thousands of students enter the UCI Libraries to borrow computers and books, use learning spaces for collaboration and creativity, or to study independently.

Doctors, nurses, and UCI Medical Center staff committed to advancing health worldwide rely on Libraries staff to provide training, guidance, and expert searching skills to assist both researchers and clinicians in accessing the most cutting-edge knowledge. Librarians locate and disseminate crucial information to researchers that facilitate the translation of bench and clinical research into clinical practice.

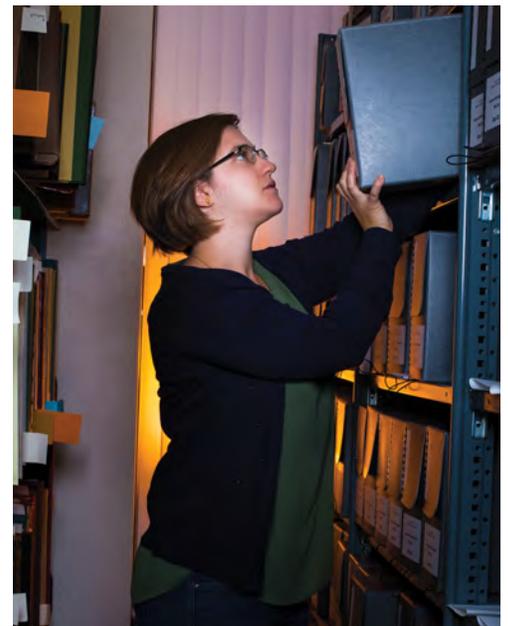
Faculty members conducting innovative research rely on widespread access and worldwide discovery of not only their research, but of others around the world.

Combining the strengths of traditional and digital learning, the Libraries are well-positioned to build the skills of the

21st century scholar. Patrons depend on the Libraries' collections, services, and spaces for inspiration and learning outside of the classroom.

Collections

The UCI Libraries are thriving in a hybrid print/digital world. Printed books still play a critical role in



supporting learners and researchers in many disciplines, particularly in the Arts and Humanities, while electronic resources, including online journals and databases, have expanded to offer additional pathways to learning and content acquisition. Libraries do not simply disappear when the doors are closed. They exist 24/7 in cyberspace and virtually in classrooms. The Libraries are committed to developing world-class collections to serve as a catalyst for research, education, and innovation. The future of the Libraries must be dynamic enough to offer expansive electronic resources that can be easily accessed by students wherever they are, while also preserving history and rare and special materials for primary-source research for generations to come.

Services

Research. Analysis. Innovation. These are human responses to the problems of our time. Librarians are an imperative part of the discovery process. The 21st century

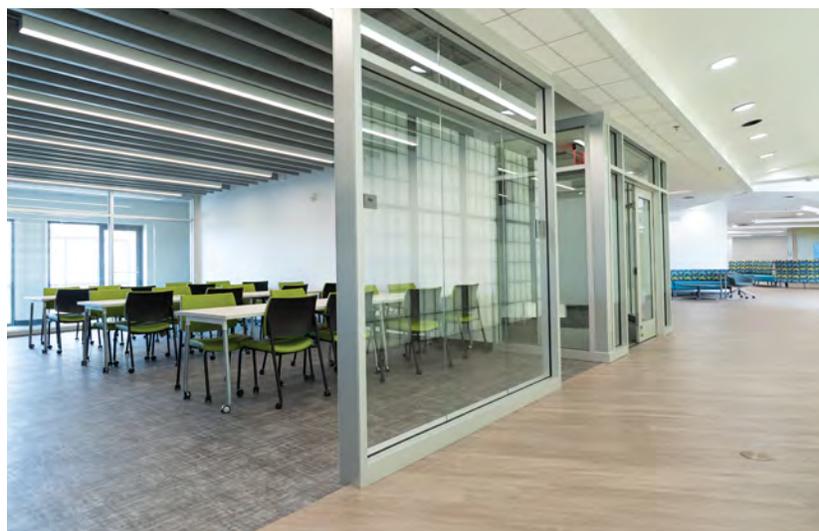


scholar needs human connection and evaluation, and now more than ever librarians are focusing on teaching students critical thinking skills to use digital technology and to vet information found in an internet search, finding a rare book or journal for a faculty member or

doctor, providing one-on-one research consultations, and conducting large workshops to help students, faculty, and researchers learn how to create, organize, store, and share information in ways that benefit society.

Spaces

With nearly 1.7 million annual visitors to our four library buildings, the Internet has not replaced the



Libraries' core function – serving patrons. Libraries are more than just a space for academic development. They are a social space for entertainment, experimentation, and a safe place to explore ideas. UCI Libraries' spaces provide access to Collaboration Zones, Makerspaces, Presentation Studio, Visualization Wall, and easily configurable classrooms. Patrons stop by for studying, connecting with classmates on a project, borrowing tech and tools to complete their studies, and even relaxing with free entertainment. Recently renovated spaces encourage the 21st century scholar to innovate and problem solve, preparing them for today's workforce.

As a library of the 21st century, we are proud to utilize both physical and digital modalities to create learning hubs that inspire students to construct new knowledge and meaning from the world around them. ■



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OPEN ACCESS IGNITES THE SPREAD OF WILDFIRE RESEARCH

In 2019 an interdisciplinary team of UCI scientists published a new technique using a machine learning algorithm for predicting the final size of wildfires. Entering climate data, atmospheric conditions, vegetation types, and other data points, the team's algorithm accurately forecasts the size of a blaze. This technique is a critical tool for firefighters who need to allocate resources efficiently and appropriately. While the initial research method only forecasted fires in Alaska, the worldwide interest in this new method was not surprising considering that in 2020 alone, the California Department of Forestry and Fire reported that wildfires burned more than 1.4 million acres. This algorithm could save thousands of acres, personal property, and lives. Traditional publishing methods would have kept this invaluable new method behind paywalls limiting its impact, but thanks to Open Access, this groundbreaking research was freely and easily accessible by scientists working around the world.

Open Access, or the ability to freely access published scholarship, has been the next frontier for librarians. Open Access makes accessible scholarship and research activity such as articles, research data, monographs, presentations, digital scholarship, and even grant documentation freely available to other researchers. Removing the high fees of publishers to not only publish research, but then access it, has been a hurdle in making research freely accessible. Articles

loaded to eScholarship for Open Access are available to anyone using the internet. Google and other search engines increase visibility of articles and eScholarship, making content free to read and reuse. UC Open Access Policy allows faculty to submit approved manuscript versions and, sometimes, the final published article to eScholarship for Open Access. eScholarship hosts published research articles by UC affiliated authors, Masters and Ph.D. theses, online journals, conference proceedings, research posters, and presentations.

The desire for Open Access research has further increased during COVID -19 pandemic. Mitchell Brown, Research Librarian for Chemistry, Earth System Science, and Russian Studies, has long been an advocate for Open Access. Brown said, "2019 had the worst fire season in California history, with a number of significant wildfires increasing in frequency and severity. Articles submitted to publishers went through the same level of peer review as material prior to 2020. The value of having published articles available in Open Access increases the reach of their content to readers outside of academic institutions. In 2020 the challenges for academic institutions to provide access to research publications to faculty were eased by the UC affiliated research in eScholarship that does not require subscription for readers."

The power of Open Access research is seen in the increase in viewing wildfire research from UCI. Since





COVID has really shown that there has to be a way to get and share information when we aren't together in-person."

Mitchell Brown, Scholarly Communications Coordinator and Research Librarian for Chemistry, Earth Systems Science, and Russian Studies.

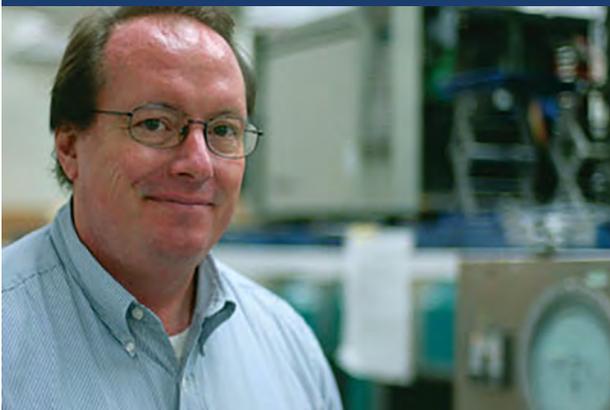
it was published in the *International Journal of Wildland Fire* in the fall of 2019, the paper "Machine learning to predict final fire size at the time of ignition" has been retweeted, shared on news outlets, and social media streams so many times that it is the 12th most popular paper to ever be published in the *International Journal of Wildland Fire* since its launch in 1991. Without Open Access, "not only would my ability to stay abreast of the latest science developments be severely impacted, but also the dissemination of my research findings would be slowed, reducing the impact of our work," notes James Randerson, Chancellor's Professor of

Earth System Sciences and co-author of "Machine Learning."

"Transformative Open Access agreements are going to allow researchers to publish more and have greater access to publishing. The COVID -19 pandemic has really shown that there has to be a way to get and share information when we aren't together in-person," notes Brown. As an analogy, Brown considers the role that libraries play to support open access research as similar to an electric current in the background that makes tools work; a vital energy source for the scholarly communication ecosystem. ■

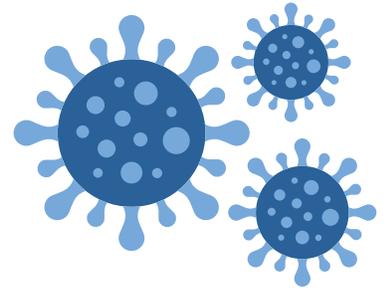
MEET MITCHELL BROWN

Mitchell Brown is the Scholarly Communications Coordinator and the Research Librarian for Chemistry, Earth Systems Science, and Russian Studies. A member of Digital Scholarship Services, Mitchell is the campus contact for implementing the UC Open Access policy for faculty and UC Presidential Open Access Policy for researchers, graduate students, and staff. He works with faculty to upload research publications to eScholarship, including electronic Ph.D. and Masters' theses, and conference proceedings in addition to helping



to start online journals. A certified Carpentries instructor for data and software courses, Mitchell works with the colleagues in DSS for Carpentries computer programming and data analysis courses. As Research Librarian for Chemistry, Earth Systems Science, and Russian Studies he selects books, journals, and online publications for the collection and actively provides specialized science research and consultation services. He also creates and maintains several Research Guides, for more information please visit: <https://lib.uci.edu/brown>.

LIBRARIANS SUPPORT COVID-19 RESEARCH



During a pandemic, information and new medical developments shift the landscape of health care quickly. Medical librarians play an essential role in providing training support for the next generation of health care providers. At the Libraries, researchers acquire critical skills needed to stay abreast of new medical developments in their specialties and to be self-directed lifelong learners. High-quality patient care begins in the library.

Search Alerts Update Researchers

Last Fall, Linda Murphy, Research Librarian for Health Sciences, was asked by School of Medicine to create literature search alerts for new studies authored by UCI faculty in the School of Medicine. To keep abreast of research developments for patient care, education, or ideas for research proposals, it is important to receive alerts as soon as new studies become available. With a free *My NCBI* account, UCI researchers can easily create unlimited topic alerts to be notified through email or RSS Feed when studies are published via PubMed.

Creating an effective search strategy to capture all the papers by authors associated with the UCI School

of Medicine was a challenge. UCI authors report their affiliation to UCI in different ways, making it complex to interpret or translate the search criteria into efficient queries. Murphy said, "I reviewed a great number of research papers published by UCI authors and reviewed how they reported their affiliation. Because of mistakes and standardization problems in citation indexes, I didn't realize my initial search strategy did not capture all the papers published by UCI authors. It took many tests using different search strategies to come up with the most comprehensive search." As of March 30, 2021, there were approximately 1,513 papers published by UCI authors in COVID-19 related research that were indexed in PubMed.

MEET LINDA MURPHY

Meet Linda Murphy, Research Librarian for Health Sciences. She serves as the librarian for the School of Medicine. Her primary responsibility is to provide research consultations and instructions to medical students, residents, fellows, staff, and faculty. With support from members of the Health Sciences Team, she develops and teaches the Self-Directed Learning (SDL) instructional programs and learning materials for the School of Medicine's medical training programs in addition to other library workshops. She creates and maintains several subject Research Guides (for more information, please visit: <https://lib.uci.edu/murphy>) to showcase library resources and services available to UCI faculty, staff, and students for research and study. She has also coauthored over 20 peer reviewed publications with faculty, fellows, and student researchers.



Dr. Frank Meyskens, Distinguished Professor of Medicine, is one faculty member who receives PubMed Alerts from a select list of key journals for new studies relating to gynecologic oncology. He said,

Healthcare providers must remain abreast of new developments and continue to provide safe and effective patient care using the most up-to-date techniques and knowledge. The UCI Libraries are



My interactions with the Libraries service are great and helpfulness unsurpassable.”

Dr. Frank Meyskens, Distinguished Professor of Medicine

“My interactions with the Libraries service are great and helpfulness unsurpassable. I have worked with Research Librarian, Linda Murphy, for over a decade. She has been of enormous help to me and others in keeping up with the flood of scientific information, both in one’s disciplines and more broadly.”

PubMed alerts continue to be used by UCI graduate students, researchers, and faculty, who want to be informed when new studies become available for topics of their interests. In addition, the new PubMed interface allows administrators, faculty researchers, and graduate students to share their new citation alerts on Facebook or Twitter, and use likes and shares as metrics to measure the impact of their research. These alerts have also engaged the community, stakeholders, policy makers, and potential donors through publicity and media coverage of UCI Health’s role in addressing the COVID-19 pandemic. Murphy noted, “Researchers enjoy having their hard work featured in media outlets. It increases their research impact, provides a key channel to inform taxpayers of the research results, and can generate support for future funding. Academic institutions recognize the impact of social media scholarship as significant and meritorious and permit faculty members to include it in their academic reviews to be considered for promotion and tenure.”

dedicated to providing resources and services to enhance academic teaching, learning, and research programs to support the continued education of clinical providers.

Standards Support COVID-19 Research

Julia Gelfand, Research Librarian for Applied Sciences and Engineering, serves the biomedical, engineering, and computational communities. When she is not visiting researchers in the lab or discussing biomedical applications with practitioners, she supports understanding and access to information about design, applied engineering policy, and clinical applications of state-of-the-art knowledge.



To address the pandemic, many researchers reoriented their primary work to support the nationwide COVID-19 efforts. In response to this challenge, Gelfand created a COVID-19 Standards Resource Guide (please visit: <https://www.lib.uci.edu/standard>) to support researchers, engineers, and medical teams who were developing new products such as PPE, medical devices,

MEET JULIA GELFAND

Meet Julia Gelfand, Research Librarian for Applied Sciences and Engineering. Gelfand works with academic and research units in the Samueli School of Engineering, Bren School of Information and Computer Sciences, and the Department of Urban Planning and Public Policy in the School of Social Ecology. She proactively engages with faculty, researchers, graduate students, and undergraduates to meet the instructional and research needs of these campus communities. She is responsible for delivering services related to reference, research, data management, scholarly communication, and collections in these subject areas. A Distinguished Research Librarian and author of numerous scholarly publications, Gelfand was named an AAAS Fellow in 2019 and also named the 2021 ACRL Academic/Research Librarian of the Year. She also creates and maintains several Research Guides. For more information, please visit: <https://lib.uci.edu/gelfand>.



therapeutics, and testing procedures that contributed to the detection and treatment of COVID-19.

According to the International Standards Organization (ISO), "Standards is a document that provides requirements, specifications, guidelines or characteristics that can be



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used consistently to ensure that materials, products, processes, and services are fit for their purpose."

Standards support the UCI community to fast-track innovation and entrepreneurship, by providing a reference for technical details and guidelines, as well as specific characteristics that must be met by new innovations. The Standards guide includes information already acquired by UCI Libraries, newly available free content from various organizations and

publishers, and UCI Libraries' licenses.

As for the future of the Standards Research Guide, Gelfand said, "This is a fluid situation, the same Standards may have a limited lifespan for the researcher while they are working on a project; but there are other Standards that will be needed as research groups work on new topics."

Gelfand shared, "My enthusiasm for this is great because I see practical outcomes making a difference. Engineers and medics contributed to the supply chain with PPE materials and other supplies needed for patient care; social scientists addressed needs for supplying individuals, families, and communities with food, healthcare, schooling, and the social fabric that we needed. Artists and creative people entertained society online and, in the streets, gave them hope and fueled them with sustenance." ■

NEW UC-WIDE LIBRARY SEARCH SYSTEM

What happens when several outdated library search systems approach the end of their lifespan? A UC-wide library task force collaborated for years to answer that question. As a result of their work, UC Library Search launched on July 27, 2021. This new tool searches the collections of all ten UC Libraries in one modern, easy-to-use, and intuitive tool.

UC Library Search improves service, making it faster and easier for patrons to search 40+ million physical and digital collections. The tool's improved infrastructure enables library staff to innovate and create new services. Even better, collaboration across all ten campuses cuts the cost of development by 40%.

Coordinator for the UC-wide project. She worked with a team to design the system functionality, including system settings, codes and options, quality assurance, full and efficient use of the system capabilities, training, and documentation of the search tool.

Arunachalam said, "The exciting part of implementing UC Library Search is that it brings together various resources like print materials, electronic journal articles, eBooks, and local digital collections from all UCs into a single, intuitive search interface with personalization options. The discovery layer has many advanced features like automatically recommended articles and a virtual browse feature."

Connecting Ten Campuses

Developing the interface is only one aspect of rolling out a project spanning the entire UC Library infrastructure. Adrian Petrisor, Director of Information Technology for the UCI Libraries, served as a Communication Operation Lead for the project. He orchestrated communication across the various cohort groups for the project, as well as communications to UCI Libraries employees. Petrisor shares, "One of the major challenges of the project is to ensure that all the project teams participate actively in the communication process and are not working in silos. Everybody is very busy balancing the local campus work with the collaborative work on this project, and the communication aspect may often be seen as being less critical."

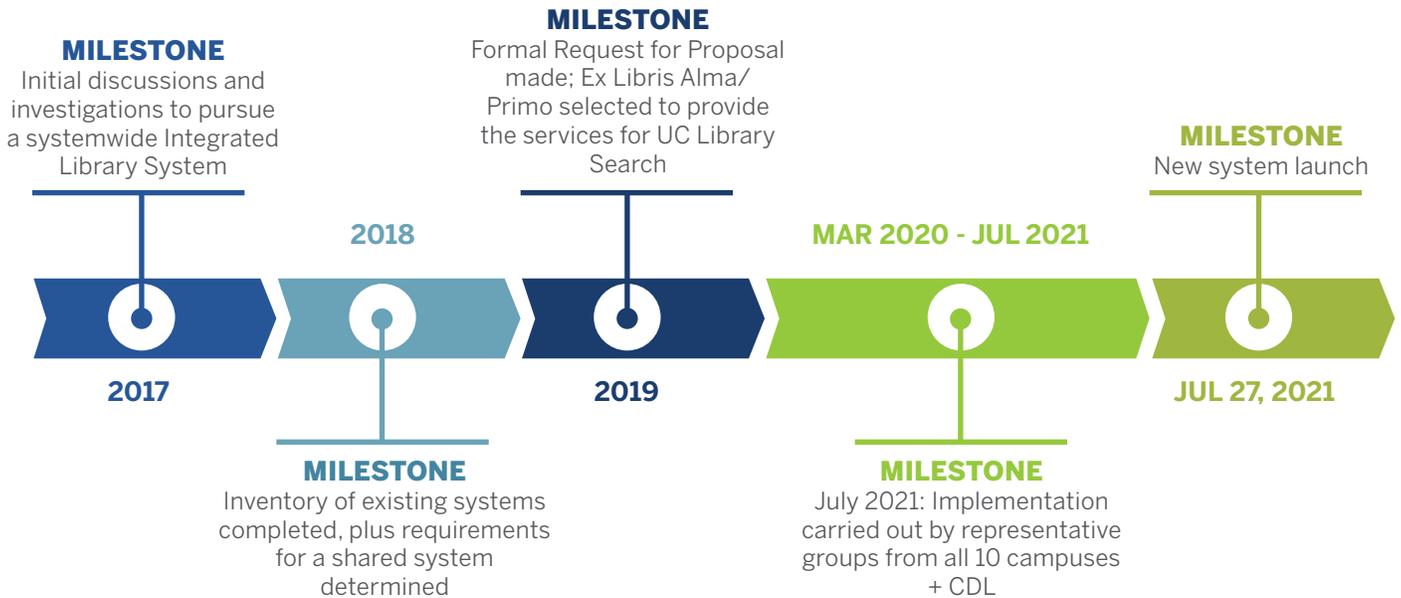
Petrisor shared how timely the update is noting, "The configuration of ten separate library systems created increasing challenges and put essential library services at risk. Upgrading to a shared system mitigated those risks and reduced the systemwide costs. The new system enables library staff to innovate and create new services that were not possible in stand-alone campus environments. In addition, the new system positions the UC Libraries of tomorrow to collectively leverage future tools."



This was a large-scale collaborative effort, as 150 representatives from all ten campuses worked on the development and roll out of the new tool. UCI representatives served on a shared governance task force, with teams spanning from implementation, policy and practice, training and outreach, communications, operations, and project management.

Building the Platform

Lakshmi Arunachalam, IT Department Business Systems Analyst, served as UCI Libraries' Implementation



Testing the System

The project was developed with the end-user in mind. Cynthia Johnson, UCI Libraries' Head of Reference, and Head of the Grunigen Medical Library, served on the Systemwide Public Services Escalation Leadership Group, which has members from each UC library. In this role, she tested and implemented new features, and reviewed and helped resolve user issues and concerns.

Before launching, the UC task force had to test the platform. Johnson said, "At the UCI Libraries, I am one of the people who thinks about how information in the discovery interface will appear to our patrons and how we can improve the search and display features. My role involves working with librarians and staff from across the UCI Libraries to ensure that we test a variety of different formats. For example, how easy is it to find music scores or archival collections and do the displays of these materials make sense?"

Additionally, Jolene Beiser, UCI Libraries' Archivist for Special Collections, worked with the Digital Collections Functional Group. Beiser said of her work on the project, "We hoped to make UC Library Search a platform

where, in addition to Special Collections and Archives' monographs and archival collections, users can search and discover UCI's digital collections, such as those on Calisphere. And since UC Library Search allows for system-wide searching, users can browse and use digital collections from the other UC campuses for their research as well."

Launching UC Library Search

UC Library Search is the discovery tool of our future. The new platform has quickly proven successful, with an easy campus transition to the new tool. Johnson said, "Students, faculty, staff, and researchers from all the UCs will use UC Library Search to discover information that the 10 campus Libraries have purchased or licensed. In addition, because of the many unique and specialized collections across the libraries, researchers from around the country and internationally can now use UC Library Search." With widespread access and worldwide discovery, open sharing of information accelerates scientific discovery to enhance UCI's global reputation. For more information, visit: <https://libraries.universityofcalifornia.edu/uclibrarysearch>. ■

UCI Libraries help inspire creativity and experiential learning for students and researchers through the use of new technologies and services.



To be successful in the **New Venture Competition**, you need more than just a great idea — you need great research, too.”

Sara Heimann, UCI Libraries’ Innovation and Entrepreneurship Librarian

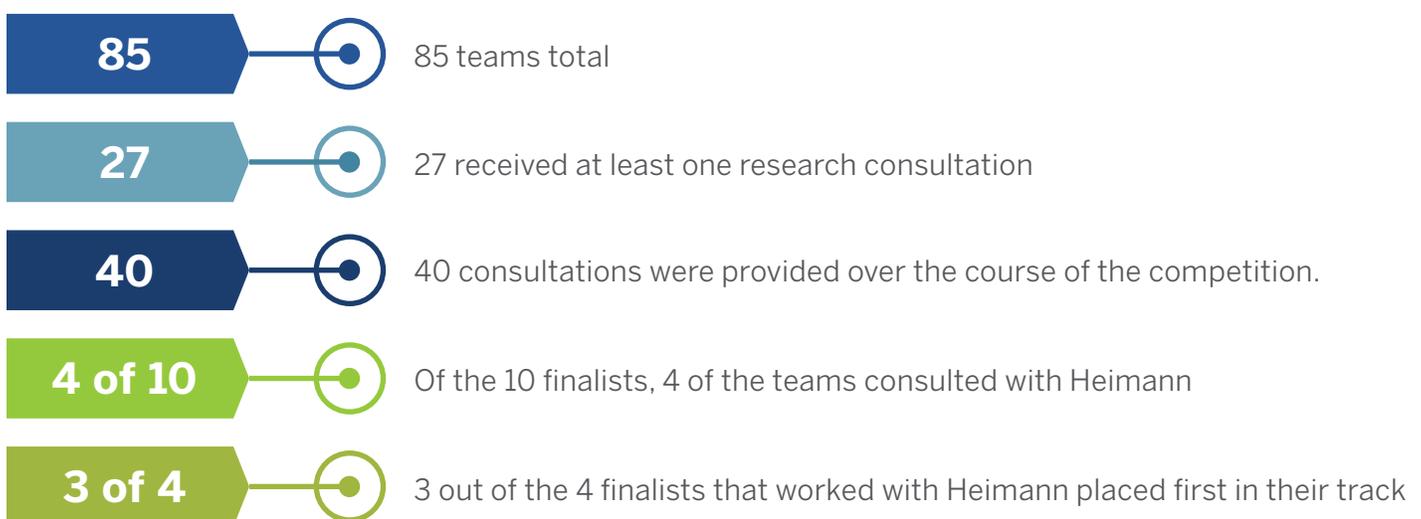
NEW TOOLS FOR NEW VENTURES

Shark Tank Inspired Competition Yields New Innovations

The **New Venture Competition** hosted by the Beall Center for Innovation and Entrepreneurship awards \$100,000 in cash prizes plus additional professional services to competitors who successfully create a business idea and pitch it in a Shark Tank-inspired presentation. The five-month long competition provides teams with resources, mentorship, and even potential team-mates if needed. All types of ventures are welcome, from services that aim to increase access to healthcare, to a resume management system for students. The competition provides an opportunity for

an incredible range of ideas to be heard. Competitors receive guidance and support from experienced mentors and judges. As UCI’s Innovation and Entrepreneurship Librarian, Sara Heimann provides vital research support for the competing teams.

A critical part of the product development process for teams is determining if there is a viable market for their product or service - that’s where Heimann steps in. She offers a workshop titled “Is There a Market for Your Product?,” which focuses on resources and strategies teams can use to find industry outlook and market size information, identify and research competitors, and strengthen their concept papers and pitch decks. For the 97 workshop registrants, Heimann emphasized



that “to be successful in the New Venture Competition, you need more than just a great idea — you need great research, too. Supporting your idea with information and data from reliable sources adds credibility and believability to your idea, something the judges look for when evaluating teams’ concept papers and pitches.”

This is why Heimann offers not just workshops, but also one-on-one and group research consultations, video tutorials, and Research Guides. For the 85 teams who competed in the 2021 event, research proved to be the key to success. Throughout the course of the competition Heimann consulted with 27 teams, 17 of which advanced to the semifinals, and many of whom were repeat customers, returning after each round of the competition for additional assistance.

Team RemSys (<https://remsys.app/home>) developed a resume management system for students, utilizing the Libraries’ resources. RemSys team member and Chemistry major Victoria Sahrai ‘21 shared that Heimann’s workshop, research consultations and

library guides “greatly helped us get started and find relevant information to present in our concept paper and pitch deck.” With Heimann’s guidance, the team learned how to use the Libraries’ subscription to PitchBook, construct a Qualtrics survey that over 200 students completed, and found their NAICS code, all of which helped better understand their target market and identify capital investors.

The Competition’s grand prize winner, Team Shaka, created a culture-building application for companies to support employee networking, to facilitate new connections, and host competitions to boost camaraderie around company initiatives.

For Heimann, working with teams during the research stage is an exciting aspect of her role at UCI. Heimann shares, “Seeing the early stages of a product or service that we could all end up using one day inspires me to learn new things and explore new fields to provide the best possible research support for innovators across UCI.” ■

MEET SARA HEIMANN

Meet Sara Heimann, UCI Libraries’ Innovation and Entrepreneurship Librarian. She assists UCI’s interdisciplinary entrepreneurship community with turning their ideas into reality by connecting them to the resources and information they need to develop viable ventures. This includes providing research consultations for students, faculty, staff, researchers, and community members; developing instructional materials and teaching both curricular and co-curricular research workshops; and liaising with various on-campus entrepreneurial centers and programs. As a member of the Reference Department, she also participates in the Libraries’ general reference services, and creates and maintains various Research Guides. For more information please visit: <https://lib.uci.edu/heimann>.



“

I was dependent on the Multimedia Resources Center's borrowable technology to get me through the quarter.”

Lily Soleil Correa, UCI Student.



MRC SUPPORTS STUDENTS' ACADEMIC JOURNEY

Now, more than ever, technology is quickly evolving.

Technological advances continue to revolutionize the way students interact, research, and create. The Libraries provide information and resources to explore cutting-edge developments like Virtual Reality (VR) and Artificial Intelligence (AI), which are shaping higher education and society more broadly. To support student achievement, the UCI Libraries have become trendsetters in digital use and implementation of emerging technologies. The Multimedia Resources Center, located on the first floor of the Science Library, offers flexible and technology-rich learning spaces combined with tools and services that support creativity and collaboration.

Lily Soleil Correa, a senior Film and Media Studies major and Digital Filmmaking minor, has worked in several UCI Libraries' departments, including the Multimedia Resources Center. As both a UCI Libraries' student employee and frequent Multimedia Resources Center patron, Correa has witnessed firsthand the importance of accessibility to technology resources, and she has become an avid promoter of Libraries' resources.

LEVELING THE PLAYING FIELD: LOANING TECH FOR FREE

Every student experience is different. At the Multimedia Resources Center, the UCI Libraries level the playing field by continuously looking for ways to support the student-athlete, the student-parent, and the first-generation college student that go beyond the traditional academic services.

Correa shared a time the Multimedia Resources Center mitigated the stress she underwent for not having working technology, "My laptop stopped functioning during the second quarter right before finals week and I didn't know what to do. I took a \$23 Uber ride to a laptop repair store just to be told that maybe I could get it fixed for \$500! I couldn't afford that at the time, so I was dependent on the Multimedia Resources Center's borrowable technology to get me through the quarter."

Without access to working technology, it would be difficult, or nearly impossible, for a student to get through a quarter. Despite the ubiquity of smartphones and laptops on college campuses, there is still a large

“digital divide” amongst students in the reliability and quality of the technology they own.¹ Technology available for loan at the Multimedia Resources Center ranges from audiovisual equipment like cameras to classroom computers as well as laptops and tablets.

PEER TO PEER WORKSHOPS

It is crucial to provide technology for students who are unable to replace their devices right away, but it is also extremely beneficial for students who are looking to learn a new skillset or test out new devices. At the Multimedia Resources Center, students have access to high performance computing and specialized applications such as Adobe Creative Cloud, sound recording, and 3D printing. Free workshops offered every quarter teach students how to use these technologies and more.

In addition to workshops led by Digital Scholarship Services librarians, students also have an opportunity to connect and learn from peers through student-led classes and workshops. At the Multimedia Resources Center, Correa assists students at the Check-Out Desk, and encourages academic and artistic exploration through hands-on workshops. Before graduating from UCI, Correa hosted workshops on Final Cut, Premiere Pro, iMovie, and photography – skills that can be applicable in students’ future careers and current hobbies. “In the workshops, I like to stress to students that equipment at the MRC is free and available to them,” which many students do not know.

VIDEO PRODUCTIONS

Supporting student success is at the core of the UCI Libraries’ mission. By keeping track of technological trends and requests made by students, staff at the Multimedia Resources Center are better able to gauge what types of innovative services, technological devices and resources would be most beneficial for students in the upcoming school year.

Recent additions to the Multimedia Resources Center include the One Button Studio (for more information, visit: <https://youtu.be/hsgb0MaplcM>), a dynamic and efficient presentation studio that does not require users to have prior experience in video production. With a simple push of a button, users can produce high-quality, polished videos and save them to thumb-drives. Students can quickly and efficiently create research video projects, learn new technologies, and even create something for personal use like a podcast recording with this new technology.



Lily Soleil Correa, a senior Film and Media Studies major and Digital Filmmaking minor.

Correa also worked in the Education and Outreach department, where she produced and edited *Peter the Anteater’s Guide to the Library* (www.vimeo.com/user74696498) – an engaging and informative video series about Libraries resources. She used the Multimedia Resources Center to create and edit the series. Correa believes the Arts are a brilliant tool for education, youth development, and interpersonal growth. She channels her passion for education and community development through her photography community, *Picture Partay*, where she applies her videography talents and technical creative skills to plan and market community fundraisers. In the future, Lily hopes to reimagine and elevate the arts in career and educational spaces. Correa graduated from UCI in Spring 2021.

To view work created using technology available at the Multimedia Resources Center, please visit: <https://youtu.be/-63BJW1uEPM>. ■

1. Indiana University. (2018, September 19). College students have unequal access to reliable technology, study finds. *ScienceDaily*. Retrieved June 25, 2020 from www.sciencedaily.com/releases/2018/09/180919100950.htm

UCI Libraries help spark imagination by creating diverse and distinctive collections that act as a catalyst for research, education, and innovation; and sponsor thought-provoking programs that inspire and expand one's knowledge base.

CREATING A SPACE FOR DIVERSITY AND INCLUSION WITH ARTIFICIAL INTELLIGENCE

Formally located on the second floor of the Langson Library, the “Ask Us” Reference Desk was once the first stop for many students looking for book recommendations for leisure reading. This type of recommendation, commonly referred to as “readers’ advisory” is not typically a core service at academic research libraries like UCI Libraries. When the Libraries adopted OverDrive, a digital platform where users can borrow popular press eBooks, the number of “readers’ advisory” requests increased exponentially. Library Assistant, Kelsey Brown, often found herself offering general book recommendations to the Libraries’ users. Inspired by her conversations with patrons, Brown wondered if it would be possible to train ANTSwers, the UCI Libraries’ experimental chatbot, to provide personalized book recommendations to patrons. Through conversations with Computational Research Librarian and creator of ANTSwers, Danielle Kane, it was determined that ANTSwers could be coded to provide these recommendations.

As she researched book titles to add to the enhanced code, Brown noticed an interest among readers in books by authors of color on a variety of topics. “I felt it was important to increase the number of titles directly related to racism and prejudice and have ANTSwers recommend a wide variety of genres by authors of color,” shares Brown. She compiled a list of 729 book titles, with over 30 “genre” tags from broad “love story” or “romance” to the more specific “domestic fiction” and “movie adaptation.”

Brown imagined two scenarios in which ANTSwers would provide recommendations:

- 1. A patron named a book they liked (e.g. the most popular fiction book borrowed on Overdrive, *Little Fires Everywhere*) and ANTSwers would recommend a similar book.**
- 2. The patron would type in a genre and ANTSwers would recommend a book.**

ANTSwers: Hi! I am ANTSwers, an experimental computer program here to answer your questions.

Guest Anteater: domestic fiction

ANTSwers: I would recommend that you try [The Shape of Family](#).

UCI University of California, Irvine

Subjects Collections Kindly Books

the
SHAPE
of
FAMILY

The Shape of Family
A Novel
by Shilpi Somaya Gowda
EBOOK
★★★★☆

RECOMMEND READ A SAMPLE

ADD TO HISTORY

Description Details Reviews

In both scenarios, ANTsvers would only name books available through UCI Libraries. To reduce choice paralysis for patrons, Kane wrote code that recommends a single book per search and a different book each time the same request is typed in.

Kane enlisted the help of San Jose State University Master's of Library and Information Science candidate and the Libraries' student intern, Danielle Dantema, who created some of the initial files for a few new keywords. "There is no room for mistakes when writing code — if there is one comma, letter, semicolon, period, or any necessary character out of place or missing then the whole bot will not work," shares Dantema. Another issue to resolve before launching the new system was ensuring newly developed code would not conflict with previous code that ran queries in Library Search.

In addition to the meticulousness of writing code, the project provided an opportunity to learn more about the thought processes behind retrieving a book title.

Chat Bots must be programmed to recognize phrases people use and human errors, such as grammar and misspellings, when searching for a title, genre, or topic.

ANTsvers is one of a very few academic library chatbots in the country and one of the longest running. "With this homegrown system there are no barriers to access. Questions about the Libraries are answered 24/7 with minimal downtime and adding the new module of book recommendations was a natural extension of what ANTsvers does," shares Kane who is proud of the latest enhancements. ■

Kelsey Brown recently accepted a new position as Student Success Librarian at the University of Connecticut Library. In her new position, she will focus on advancing the library's information literacy program.

MEET DANIELLE KANE



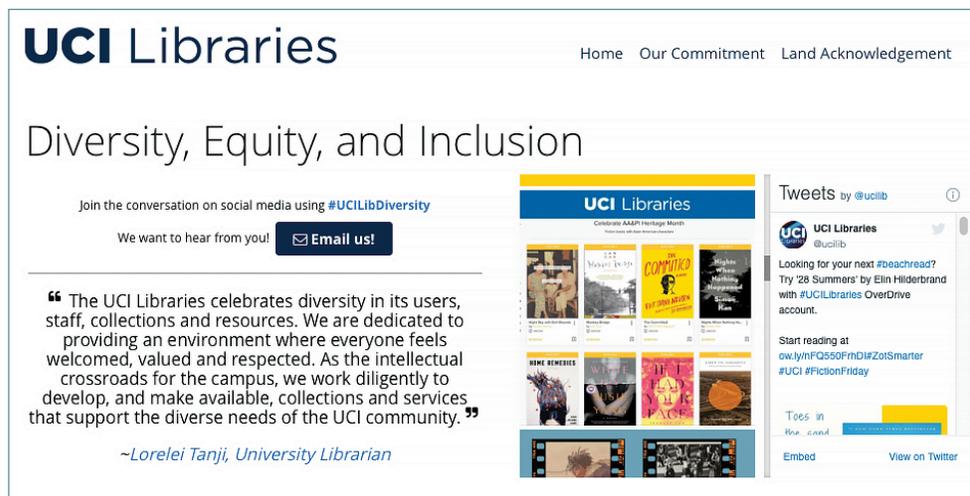
Meet Danielle Kane, UCI Libraries' new Computational Research Librarian. She focuses on computationally centered, data-driven research and reproducible research workflow development. In this role, Kane meets with researchers for one-on-one consultations to help strategize computational research methods. Recently, she helped a researcher test drone flight data files by writing a short demo "shell script" in Unix to test against. Kane also designs and provides library-based instructional programs on related techniques that help researchers document and preserve experiments and computational analysis. She coordinates the Libraries' "Carpentries" program on a range of topics from coding with Python and R to working with tools like Unix, Git, and OpenRefine. She also creates and manages a number of Research Guides. For more information, please visit: <https://lib.uci.edu/kaned>.

UPDATED DIVERSITY WEBSITE DEMONSTRATES ONGOING COMMITMENT TO DEI

This summer, the newly reimagined **Diversity, Equity, and Inclusion Libraries website** (please visit: <https://diversity.lib.uci.edu>) – a free community

resource that highlights diversity, equity, and inclusion in the Libraries — was launched. Campus and community interest and need for resources related to diversity, equity, inclusion, social justice, anti-racism, ability, and similar topics has been at an all-time high. In 2020, civil unrest related to the continued social injustices experienced by Black, Indigenous, and people of color (BIPOC), highlighted the necessity for expanding diversity, equity, and inclusion resources for the UCI campus and community.

This work is so important. Our campus community should not feel compelled to pay for resources that are free and available to them through the Libraries.”



The UCI Libraries *Diversity in the Libraries* website.

At a library-wide townhall in July 2020, colleagues at the UCI Libraries expressed an interest in developing a Research Guide that would include bibliographies and other resources available through the Libraries related to diversity, equity, inclusion, social justice, and anti-racism.

In response to this request, the UCI Libraries Diversity Team, comprised of eleven UCI Libraries employees decided to address the need for a community resource by updating the *Diversity in the Libraries* website. Curator for Orange County Regional History, and Diversity Team Co-chair, Dr. Krystal Tribbett shares, “The Diversity Website has the potential to greatly improve patrons’ access to Libraries’ resources through a central point and will offer comprehensive resources that units on campus can easily reference.

A ONE-STOP SHOP FOR DIVERSITY, EQUITY, AND INCLUSION RESOURCES

The new website is an intuitive tool for patrons. Whether a user is looking for a specific resource such as a book or film, exploring the Libraries commitment to diversity, or searching for an upcoming Diversity event to attend, the web platform makes the exploration easier by showcasing some of the Libraries’ diversity, equity, and inclusion related resources.

Diversity Team member and Communications and Events Officer, Carlin Motley shares, “The value of this updated resource is two-fold. First, whether patrons are looking for research resources related to diversity,

equity, and inclusion, or exploring their own personal awareness, understanding and acceptance of different beliefs and customs, the new website provides easy access to curated resources. Second, this website also provides ways for the patron to engage in Diversity events both at the Libraries and on the UCI campus.”

Although the enhancements made to the *Diversity in the Libraries* website were spearheaded by the Diversity Team, the project itself was a collaborative effort among various colleagues and teams within the Libraries. “Not only did we have to create and gather resources related to the theme of diversity, but we

also had to narrow down what materials to include in the new site and categorize them. Colleagues from the Design Services and Information Technology teams added the finishing touches with imagery for the designed webpages,” shares Cynthia Johnson, Diversity Team member and Head of Reference Department and Grunigen Medical Library.

This new, intuitive platform will empower the UCI community to easily search for, and receive free access to, many resources like books and films related to diversity, equity, and inclusion further enriching their educational experience. To view *Diversity in the Libraries*, please visit: <https://diversity.lib.uci.edu>. ■



Our Commitment

UCI Libraries celebrates diversity in its users, staff, collections and resources. We are dedicated to providing an environment where everyone feels welcomed, valued and respected.



Read More

Explore reading lists related to the topic of diversity and inclusion.



Watch Films

View films related to the topic of diversity and inclusion.



Libraries Events & Partnerships

Stay up-to-date with the latest events and outreach from UCI Libraries and the UCI campus.

UCI LIBRARIES *ORAL HISTORY TOOLKIT*

In March 2021, UCI Libraries launched the *Oral History Toolkit* – a free, digital resource designed to empower UCI affiliates and Orange County community members to conduct their own oral history interview or implement a large-scale project to document a community or historical event. Due to the COVID-19 pandemic, requests for remote consultations and training in oral history projects from Libraries' patrons greatly increased.

accessible resources that empower communities to create their own primary sources – stories that can help diversify the historical record,” shares Thuy Vo Dang, Curator for Orange County and Southeast Asian Archive (OC&SEAA) and Research Librarian for Asian American Studies.

Accessible through the UCI Libraries' website, the *Oral History Toolkit* consists of six modules – each representing



My project gives a way for the Laotian story to be told and recognized.”

Prinston Pan, Woodbridge High School Student

Previously, oral history resources were shared with researchers and faculty by request. In response to growing demand, the UCI Libraries' Special Collections and Archives team reimagined how to serve the community more efficiently. By developing a proactive approach, they anticipated the needs of users by providing a “one size fits all” resource, covering information for a wide scale of experience ranging from the young novice to the seasoned oral historian.



Prinston Pan, a Woodbridge High School student

a different phase of the oral history collection process. Each module includes background information on how to conduct an oral history. The comprehensive informational guide includes links, template documents, and recommendations. “In many of my consultations with people starting a new project, they are often surprised about the complexity of preservation and access; when you build something that is meant to be an intervention in public history, it is so important to set up policies and procedures first to preserve the stories and make them widely accessible,” shares Dang.

THE *ORAL HISTORY TOOLKIT* 6 MODULES COVER:

- HOW TO GET STARTED
- DESIGNING THE PROJECT
- PREPARING FOR THE INTERVIEW
- INSTRUCTIONS ON HOW TO CONDUCT THE INTERVIEW
- THE STEPS TO TAKE AFTER THE INTERVIEW
- HOW TO PRESERVE AND PUBLISH THE INFORMATION

“The *Oral History Toolkit* really embodies UCI Libraries' values and commitment to providing free, open, and

DOCUMENTING A CHAOTIC PRESENT

UCI undergraduate interns working on the Social Ecology Pandemic Histories Archive Project used the *Oral History Toolkit* for their class project. “We are living through a life-changing historical moment, with a cascade of issues and experiences, including the COVID-19 pandemic, social justice issues, economic insecurity, political change, and climate crises. It is important to document the ways that our students and our communities have been impacted,” shares Susan Bibler Coutin, Associate Dean for Academic Programs in the School of Social Ecology and co-director of the Social Ecology Pandemic Histories Archive Project. Coutin worked virtually with approximately 300 student interns using the *Oral History Toolkit* to learn about community archiving, conducting oral history interviews, and producing metadata for an archive that will be part of the UCI Libraries Special Collections and Archives.

UNCOVERING AN ERASED PAST

In the community, Woodbridge High School student Prinston Pan used the Oral History Toolkit to create an

oral history archive documenting the lives of Laotian Americans. Dr. Thuy Vo Dang’s mentorship has been invaluable and inspiring for Pan. “Laotian Americans are a small unknown minority group in America. We do not get mentioned in history classes and textbooks. My goal for the Lao Oral History Project is to make the Lao story available to everyone. Lao literature, art, and written history are very scarce. There is barely anything keeping Lao history alive except for stories passed from generation to generation. But now, we have audio and video technology at our disposal to preserve these stories in their original and unaltered form. My project gives a way for the Laotian story to be told and recognized,” shares Pan. To date, Pan has collected 17 first person accounts from Laotian Americans. Once completed, Pan’s Lao Oral History Project will be preserved in Southeast Asian Archive and will be made available to the public as a digital collection on Calisphere.

The Libraries are committed to fostering community-centered archives by supporting the preservation and access to underrepresented histories through free resources such as the Oral History Toolkit. To learn more about the UCI Libraries’ Oral History Toolkit, please visit: <https://oralhistory.lib.uci.edu/>. ■

MEET THUY VO DANG

Meet Dr. Thuy Vo Dang, Curator for the UCI Libraries Southeast Asian Archive and Research Librarian for Asian American Studies. She is committed to advancing the practice of community-centered archives and foregrounding histories of marginalized groups. With a background in oral history combined with teaching experience in ethnic studies, Thuy brings an interdisciplinary and collaborative approach to building out documentation and digital humanities projects in collaboration with UCI faculty, staff, and students as well as local educators and community members. She is co-author of the book *Vietnamese in Orange County* (published in 2015 with Linda Trinh Vo and Tram Le). She is also co-author of the forthcoming *A People’s Guide to Orange County* (to be published in 2022 with Elaine Lewinnek and Gustavo Arellano), a book about the places and people whose lives were shaped by struggles for power in this region. Thuy serves on the board of directors for Arts OC and the Vietnamese American Arts & Letters Association, which she views as community engagement opportunities for expanding storytelling platforms for historically underserved communities.



UCI Libraries help invigorate learning spaces to support academic inquiry, collaboration, and creativity.

BUILDING FOR THE FUTURE OF HEALTH SCIENCES

Established in 1983, the Forest J. Grunigen M.D. Medical Library (GML) is the largest medical library in Orange County, providing access to thousands of journals, books, and resources. Over the years, many of these resources have gone digital, allowing the Libraries to reimagine this physical space to better suit the needs of the professionals, students, and researchers at the UC Irvine Medical Center and College of Health Sciences. For more information about the Forest J. Grunigen M.D. Medical Library, visit: <https://grunigen.lib.uci.edu/>.

MORE THAN A FACELIFT



Renovations to the Grunigen Medical Library include a new front entrance which will face UCI Medical

Center, increasing the library's visibility and situating it at the center of UCI Medical Center's research enterprise. The relocated Angela J. Rios Conference Room will be equipped with wireless technology for a variety of users, while creating new possibilities for medical education. With a shift to electronic publishing, online journals, and digital books, the Libraries have invested heavily in expanding online access to medical books and journals. The heavily used print monographs and selected journals that are not available electronically will be moved to new stacks.

Center, increasing the library's visibility and situating it at the center of UCI Medical Center's research enterprise. The relocated Angela J. Rios Conference Room will be equipped with wireless technology



The new space will support UCI Health's research, education, and clinical mission featuring new, updated study carrels with larger work surfaces and more electrical outlets to support a technology-rich



to provide the perfect space for UCI Medical staff to hold meetings with upgraded tools to support research,

learning environment. Additionally, the library will feature new areas with reconfigurable furniture for collaborative work to support the needs of the 21st century scholar. The Grunigen Medical Library Classroom, 24/7 Research Lounge for faculty, staff, and students, and the Forest J. and Dolores S. Grunigen Study Room will continue to be available following the completion of the project.

collaboration, and innovation.

The library has been reimaged and repurposed, enhancing the existing space to provide more flexibility

Irene Morris, Operations Manager of Grunigen Medical Library said, "Grunigen Medical Library plays a critical

role in supporting UCI's mission to discover, teach, and heal — advancing healthcare worldwide. The new improvements to the library space will provide the information foundation and unique space for physicians and clinicians to collaborate and advance medical knowledge, researchers and clinicians to pioneer new medical advancements, educators to utilize medical and scientific knowledge to teach the new generation of healers, and students to develop the skills to become life-long learners."



In addition to updated spaces for library patrons, the Center for Clinical Research, a centralized research operation providing clinical trials to strengthen and accelerate medical advances, will now be located adjacent to the Grunigen Medical Library. "The creation

of the Center for Clinical Research and its colocation to the Grunigen Medical Library provides the Libraries with an opportunity to become more involved in working with clinicians and researchers who work on clinical trials. It also provides the opportunity to rethink the services that we may be able to provide for patients and their families," says Cynthia Johnson, Head of Reference and Grunigen Medical Library.

Construction at the Grunigen Medical Library is expected to be completed in Fall 2021. To gain a better sense of the many electronic resources available to support medical research and instruction, please visit the Grunigen Medical Library's Core Resources page: <https://grunigen.lib.uci.edu/core-resources>. ■

MEET IRENE MORRIS

Meet Irene Morris, Operations Manager of Grunigen Medical Library. She celebrated her 20-year work anniversary on September 10, 2021. Morris has seen a lot of changes to the collection, services, and staff at the Grunigen Medical Library over the past 20 years. However, during the past two years the focus has been on adapting to patron needs and improving their experience at Grunigen Medical Library. With the creation of the 24/7 Research Lounge, nap pods and now a fully renovated space, the Libraries are responding to the needs of patrons. Morris is proud of how well library employees listen to patrons and bring ideas to the table for improving the user experience.



12 AWESOME AREAS TO EXPLORE IN THE NEWLY RENOVATED SCIENCE LIBRARY

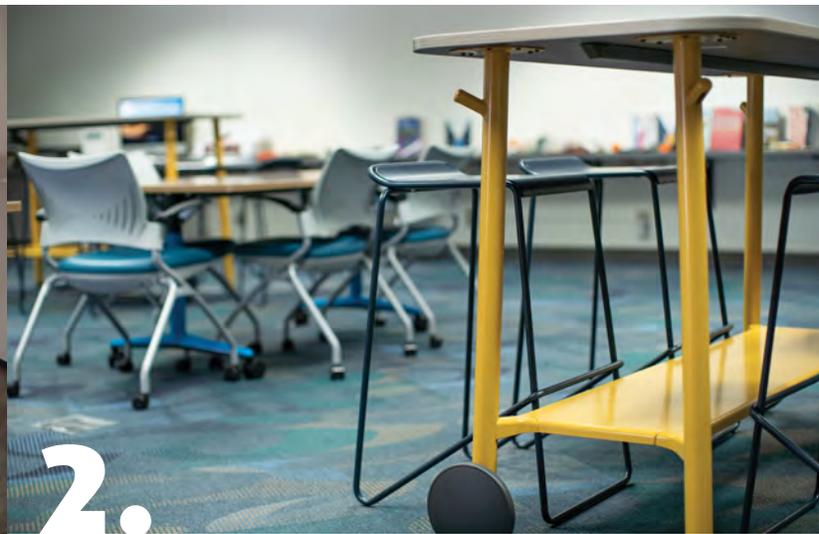
The UCI Libraries have created physical spaces reflecting the library of the 21st century – one that's more open and participatory; inviting users to make connections between ideas, collections, and each other. Updated spaces on all public floors of Science Library creates a contemporary library with modern amenities suited to the needs of Libraries patrons. Here are a few new areas to visit during your next trip to Science Library.



1.

NEW LOBBY AREA ON THE 1ST FLOOR

Friendly staff are ready to greet you in the redesigned welcome area. The reception desk now faces the main stairwell, making checkouts and returns even easier. Upgraded lighting in addition to new, comfortable furniture turned the lobby area into a great place to sit, read, or just relax. Students can borrow a Chromebook, funded by generous donors during Giving Day 2020.



2.

MULTIMEDIA RESOURCES CENTER ON THE 1ST FLOOR

Located across the courtyard from the main entrance, this hub promotes collaboration, innovation, and creativity. Housing all of UCI's non-print collections, students can borrow DVDs, videos, and CDs, and access technologies like laptops, cameras, or 3D printers. This space offers specialized equipment to record and practice a business pitch or interview in the Presentation Studio, play a new instrument without disturbing neighbors, explore augmented reality, mixed reality, or virtual reality, or bring ideas to life in the Open Studio, our new makerspace. With the generous funds from Giving Day 2020, this space was expanded to provide even more technological resources for students.

GRAND READING ROOM ON THE 2ND FLOOR

This updated space provides a comfortable place to study between classes or collaborate on a group project. Transformations include additional electrical outlets for students using multiple devices and reconfigurable furniture. Board games for a stress-relief break are also available to students for free.

EXHIBIT SPACE ON THE 2ND FLOOR

This new space showcases the diversity of Libraries' collections and archives, inspiring intellectual curiosity, and creativity. Exhibit events feature thought-provoking speakers and promote the important scholarly and cultural role of the Libraries to the campus and community.

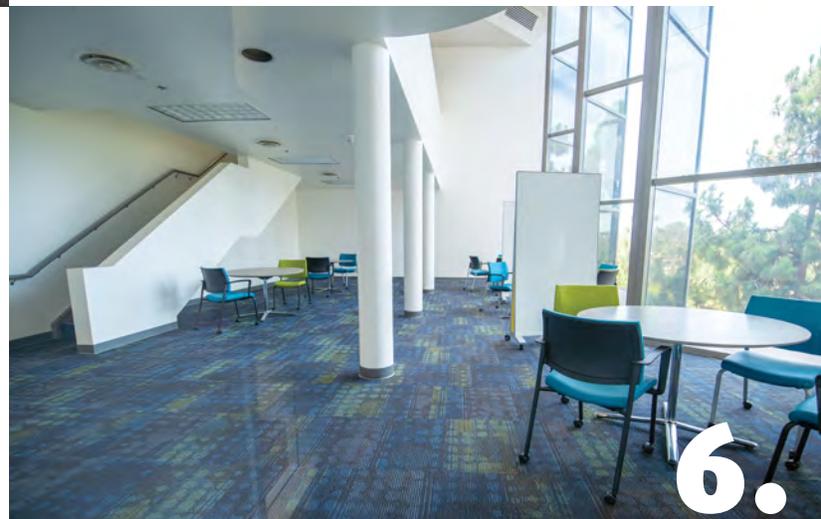


TREADMILL DESKS AND BIKE DESKS ON THE 2ND FLOOR

Students no longer need to choose between taking a break, exercising, or staying on task with a long day of studying ahead. Designed to use at low speeds, treadmill and bike desks promote healthy activity throughout the day while working on a laptop, phone, or catching up on reading for class.

NEW STUDY SEATING AREA ON THE 5TH FLOOR

Here, a student can pull up their favorite chair and reflect on what they learned, collaborate with fellow students on a project, or prepare for classes ahead. Located near the Student Excellence Center, this transformed space creates a cohesive environment for learning, discovery, and well-being.





THE STUDENT EXCELLENCE CENTER ON THE 5TH FLOOR

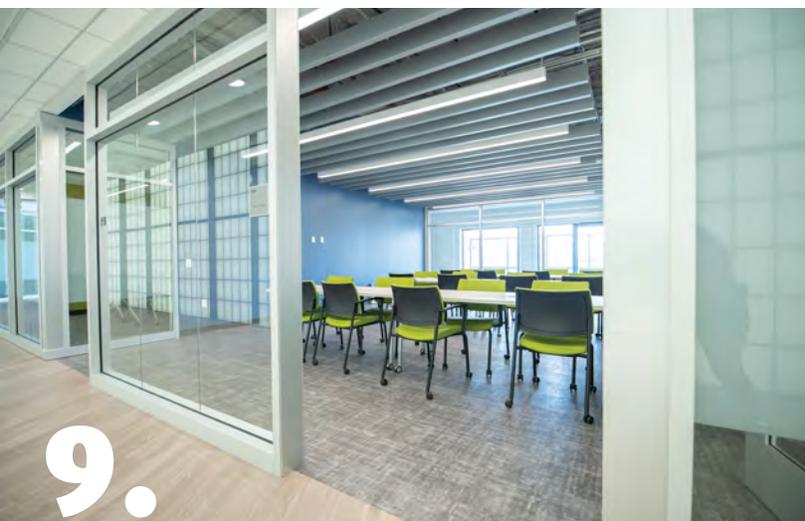
Housing three units from the Division of Undergraduate Education, including the Campuswide Honors Collegium, the Undergraduate Research Opportunities Program, and the Scholarship Opportunities Program, this space is ready to support student success from any discipline!

iLAB LIBRARY INSTRUCTION SPACE ON THE 5TH FLOOR

This flexible instruction area was designed to promote active learning and to engage students through problem-solving, discussion, and debate. The space can also be used for library-led classes and librarian workshops — including popular workshops hosted by the Libraries' Digital Scholarship Services team. It can also be transformed into an event space for library programs to foster experimentation, expression, and experiential learning.

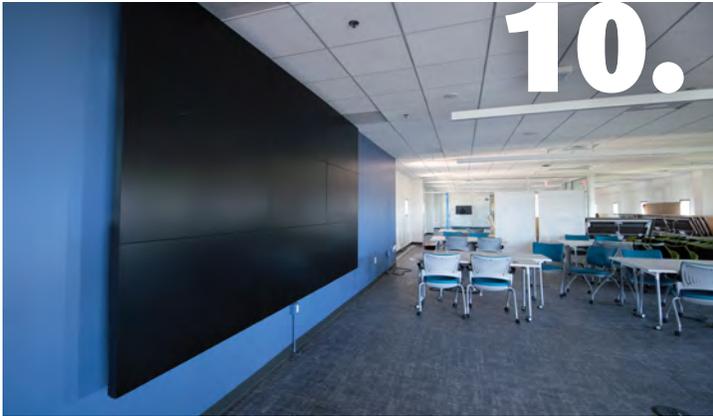


COLLABORATION ZONE ON THE 5TH FLOOR



Designed as a flexible space where students can delve into their latest class assignment or work on new ideas with their peers, this Collaboration Zone is equipped with everything from movable whiteboards, to large glass walls where students can write and brainstorm, to large presentation digital displays that connect to multiple devices over Wi-Fi. These spaces provide an easy meeting area for small groups and foster curiosity, inquiry, and support.

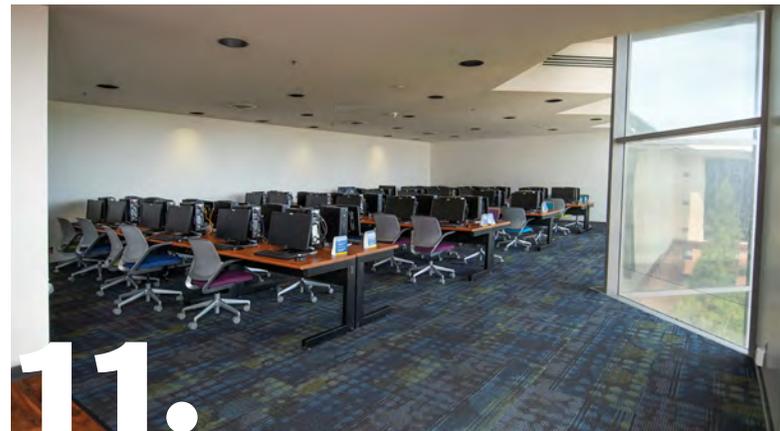
VISUALIZATION WALL AND WORKSHOP SPACE ON THE 5TH FLOOR



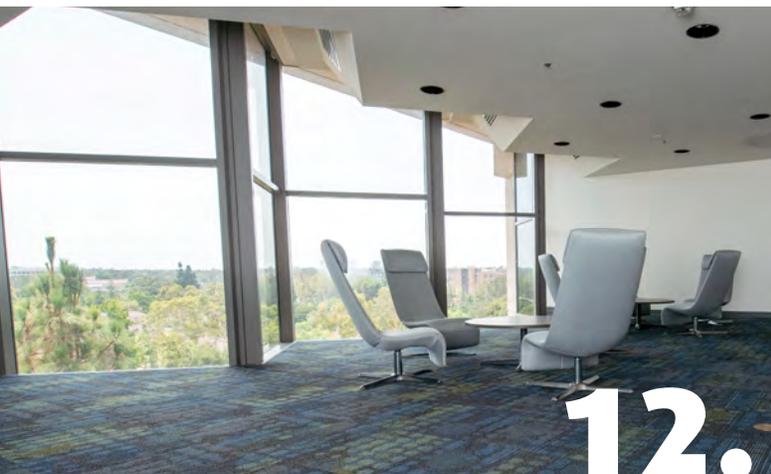
This space provides opportunities for students to leverage technology in unique ways, exploring large-scale data visualizations and interacting with research data. The workshop space provides an environment for students to use an array of methods and tools to pursue projects across all fields, including data science and digital humanities.

NEW COMPUTER LAB ON THE 6TH FLOOR

Located at the end of Bar South, this new lab includes 55 computer stations. These computers are restricted to UCI users, but other workstations in the Science Library remain available for public use.



NEW FACULTY AND GRADUATE READING ROOM ON THE 6TH FLOOR



This newly redesigned space is dedicated to supporting faculty and graduate students working alone or in small groups. Located at the end of Bar North, the movable furniture easily adapts for a variety of configurations that support individual and small group work. A glass wall, that can be written on for collaborative work, has been installed, along with keycard readers limiting access to faculty and graduate students. The space also includes floor-to-ceiling windows for a nice view during relaxed discussion. The former Faculty and Graduate Reading Room on the 4th and 5th floors has been converted to a Collaboration Zone for all students.

There are exciting opportunities for donors to name spaces for all the above areas that support learning and research. There are also various study spaces, alcoves, and rooms that need names. If you are interested in securing naming rights for any of the Science Library's upgrades, please contact Wendi Morner, UCI Libraries Director of Development, at (949) 824-8904 or wmorner@uci.edu. ■

UCI Libraries help ignite student success by providing the services, technologies, resources, guidance and spaces needed along students' academic journey.

“During times of high stress, like the pandemic, it has never been more important for students to feel comfortable in the educational setting so they can best learn.”

Melissa Pinto, Associate Professor of the Sue & Bill Gross Nursing School

NURSING LIBRARIAN TAKES INSTRUCTION ONLINE

Clinical Trials of RNA Based Vaccines Delivered Via Nanoparticles is a daunting research topic for students in the UCI Sue & Bill Gross School of Nursing. As part of the UCI Libraries ongoing commitment to support nursing education, these learners may rely on training and research assistance from Steve Clancy, Research Librarian for Health Sciences and Nursing. In addition,

by the Libraries to nursing students and staff would likely be my position as a one-stop shop for questions and help with anything library-related! In the past year, in response to the current pandemic, I have worked to supply or replace highly used print materials with their online counterparts whenever possible.”

Before the COVID-19 pandemic, workshops and research support was almost always offered in-person at the Libraries. When the pandemic moved instruction online, Clancy moved quickly to address the abrupt change to remote learning. He took the tutorials, handouts, and PowerPoint presentations for instructional sessions to the virtual world. Clancy said, “The print-based tutorials I already had available did not seem adequate for virtual-based instruction. It was important to provide the same information in a variety of ways to accommodate various learning styles.” Melissa Pinto, Associate Professor of the Sue & Bill Gross Nursing School, works frequently with Clancy. She finds his support invaluable for students saying, “During times of high stress, like the pandemic, it has never been more important for students to feel comfortable in the educational setting so they can best learn. Steve is approachable and students are highly comfortable and enjoy working with him. Steve is first-



*Sue and Bill Gross school of Nursing undergrads.
Photo: Steve Zylius*

Clancy also supports Nursing Staff and the UCI Medical Center. Clancy said, “The most popular service provided

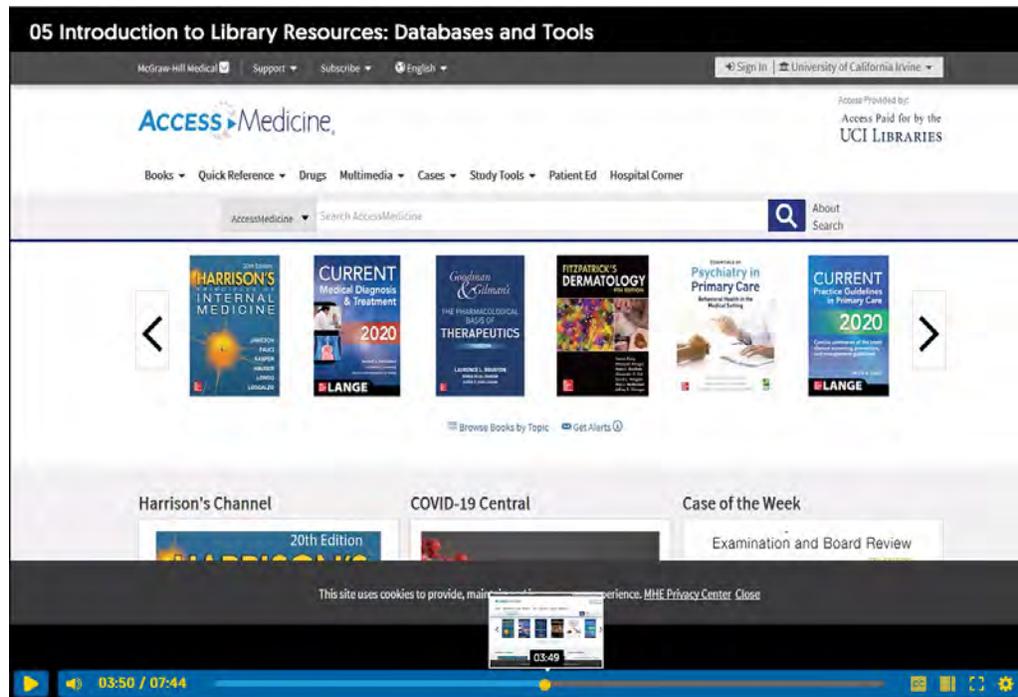
class, and I am grateful to have him as a colleague at the School of Nursing.”

The most notable update to training resources was the development of a new video series focusing on the answers to the most Frequently Asked Questions such as how to access library resources remotely, locate the full text of research articles online, as well as an overview of the many resources to nursing students the Libraries provide. Nursing never sleeps, so Clancy keeps an eye out for urgent emails and questions in the evenings and during weekends while nurses are on duty. Adey Nyamathi, Founding Dean and Distinguished Professor of the Sue & Bill Gross School of Nursing said, “As the Dean of the Sue & Bill Gross School of Nursing, Steve’s support has been of immeasurable importance in helping me support our diverse pipeline of students from other universities, interested in applying to our PhD program and navigate the completed Web of Science. His training in conducting masterful literature searches has been so helpful. We are so thankful to Steve for all his support!”

Michelle Grywalski, Clinical Nurse Educator of Critical Care Nursing Quality, Research and Education, also works frequently with Clancy. Clancy’s support of nurses at the UCI Medical Center is important to ongoing training, Grywalski shared, “In nursing, the implementation of evidence-based practice (EBP) involves acquisition and use of a complex set of skills, including the ability to locate and critically evaluate clinically relevant literature.”

For nursing students, training sessions are generally focused on specific assignments for a course and

centered on best clinical practices and evidence-based care. “Steve performs guest lectures in classes across all levels to help students learn the professional competencies related to use of library resources for their level of education. He is also fully engaged in the School of Nursing in that he attends faculty meetings,



A video created by Steve Clancy for the UCI Nursing School describing how to access over 100 major medical texts available through **ACCESSMedicine**.

and he is well aware of the current initiatives and future direction of the school - especially related to the educational and research missions,” shares Pinto.

In addition, Clancy frequently reaches out to nurse educators for input on books or resources nurses may need. Grywalski said, “Through Steve’s help, we are able to increase the available certification review and practice tests resources, such as *BoardVitals Prep: Critical Care Nursing (CCRN) and CNRN*. Steve helps educate nurses by presenting at the *Annual Nursing Shared Governance Retreat* and *Nursing Practice Council* on “*Navigating the Grunigen Medical Library*.” Steve often reaches out to provide valuable updates and reminders relevant to nursing, including new learning activities. For example,

“His training in conducting masterful literature searches has been so helpful. We are so thankful to Steve for all his support!”

Adey Nyamathi, Founding Dean and Distinguished Professor of the Sue & Bill Gross School of Nursing.

during the peak of COVID-19 pandemic, Steve sent out a list of learning activities, such as *COVID-19 PPE Utilization and Conservation Strategies* and hosted a discussion on staffing during the COVID-19 pandemic.”

For Clancy, his work is most fulfilling when students are supported, saying “I love helping my patrons discover a useful resource they didn’t know existed. It is a great feeling when I am able to locate the full text of a research article or book they desperately need. One of the most fulfilling things I do, though, is to teach someone how to use a resource on their own.”

For Pinto, this relationship is invaluable to developing future healers, stating, “The UCI Libraries are an

essential partner in nursing education and contribute to our ability to provide high-quality nursing education at all levels. Throughout our curriculum, students are expected to explore the most recent literature, best practices, and conduct literature reviews. Students find Steve approachable, patient, and extremely helpful as they learn how to use the library resources.”

Clancy plays a crucial role in the education of nursing professionals who improve patient care, and he contributes to the development of future leaders in research, education, and clinical practice. As the Sue & Bill Gross Nursing School continues to expand, Clancy will continue to support the mission of the school and nursing patrons. ■

MEET STEVE CLANCY

Steve Clancy is the UCI Libraries Research Librarian for Health Sciences and Nursing Library. He has been with the UCI Libraries since 1981 and considers his time with UCI nursing staff and students the most fulfilling of his entire career. Most of his day focuses on instruction, research assistance and general help navigating library resources. Clancy also curates and maintains the Libraries’ nursing collection. He actively encourages students, faculty, and nursing staff to request resources they feel would be useful for their research or patient care. He also creates and maintains various online Research Guides. For more information, please visit: <https://lib.uci.edu/clancy>



FICTION MEETS REALITY: STUDENT INTERNS AND DYSTOPIAN LITERATURE

In Fall 2020, UCI Libraries Education and Outreach team collaborated with UCI Humanities Out There, a community-based education practicum, to provide remote (and COVID-safe) mentorship opportunities for undergraduate students. Kim Hang '21 and Christina Acevedo '22, were two of many students who received internship appointments with the Libraries. Stacy Brinkman, Head of Education and Outreach, was one of the student mentors throughout the duration of their project. As part of their internship practicum, Hang and Acevedo collaborated on *Off the Shelf and On Display* – a book display series that focuses on a new theme each

have hope. Hang and Acevedo discuss their internship experience with the Libraries in more detail below.

WHY DID YOU CHOOSE TO INTERN WITH THE UCI LIBRARIES?

ACEVEDO:

I am currently interested in pursuing a Master's in Library and Information Sciences and hope to someday work in a library myself, so I was



MEET CHRISTINA ACEVEDO '22

Christina is an English and Spanish double major. After graduating, Christina would like to get her Master's in Library Science.

month and is comprised of UCI Libraries' vast collection of books, eBooks, and films. At the Libraries, students are frequently involved in the production of *Off the Shelf and On Display*, which makes the program unique among academic library book displays. When the Libraries are open, the book display shelves are located on the second floor main lobby of Langson Library. Due to the COVID-19 pandemic, *Off the Shelf and On Display* evolved to a digital book display.

For their book display, Hang and Acevedo chose to highlight dystopian literature. They felt the growing awareness of the continued injustices and inequities in the country coupled with pressures of the COVID-19 pandemic made dystopian literature especially relevant. As they developed their display, *World in Ruins: Exploring Dystopian Literature*, Hang and Acevedo strategically selected titles they hoped would inspire readers to think critically about the world, to act, and to

very excited about the opportunity to work more closely with UCI Libraries!

HANG:

I am passionate about literature. When I saw that this role involved curating a book display, I immediately prioritized it over the others because I knew the position would allow me to be as creative and passionate as I wanted to be.

WHAT WAS THE MOST INTERESTING THING YOU LEARNED ABOUT PUTTING TOGETHER A BOOK DISPLAY?

ACEVEDO:

I never thought about how much goes into a book display! For me, the Research Guide was a fun, interesting addition, and I liked that it gave us the chance to share extra information with those who found interest in our project.

HANG:

Purchasing books! Because the display is a virtual one, the Libraries needed to buy the eBooks we selected. I did not know how expensive eBooks really are and that even when you pay a large amount some of the books are only offered for a few months and access to it can disappear if the Libraries does not repurchase it.

DID YOU ENCOUNTER ANY CHALLENGES AS YOU WORKED ON THE BOOK DISPLAY?

ACEVEDO:

The biggest challenge for me was making sure I was intentional and inclusive about the books that I chose. When I thought of "Popular Fiction," I realized that many of the first books that came to mind were not very representative of different identities.

HANG:

One challenge was balancing out my schoolwork and this internship. It was hard for me to

dedicate enough time to the internship, my classes, and other school activities. I would often stay up late to finish my tasks.



MEET KIM HANG '21

Kim is an English major and Political Science minor. After graduating from UCI, she hopes to attend law school and pursue a career in intellectual property.

WHAT IS THE COOLEST THING ABOUT BEING A UCI LIBRARIES INTERN?

ACEVEDO:

Prior to this internship, I never even really understood the process behind purchasing

books. It was cool to see some behind-the-scenes work and to get to know the library staff better.

HANG:

This role gave me the opportunity to be a part of something bigger rather than just being a student who occasionally goes to the library to study.

Brinkman, who worked closely with both students shared, "This internship opportunity provided students with the hands-on experience of curating a themed online book display from start to finish. In the process, they had to think through limitations of the online format and learned a little about what goes into collection development at the Libraries. For example, they learned that eBook licensing for libraries was not as simple as purchasing a personal eBook from Amazon, and that different licenses had different restrictions of the number of users or access length. They also got a sense of the multiple departments, such as Acquisitions and Cataloging, that make eBooks visible in a library catalog. The program also provided an opportunity for me and other librarians to share our experiences with working in an academic library. I am proud of the students' work on this project as well as the final product, which was shared with the UCI community to enjoy."

To view *World in Ruins: Exploring Dystopian Literature* book display, please visit: <https://lib.uci.edu/world-in-ruins>. ■

COLLECTING THE COVE: LOCAL HISTORY JOINS THE ARCHIVES

Founder emeritus of the Crystal Cove

Conservancy, Laura Davick, has generously donated her archives to be part of the Orange County Regional History Collection in the UCI Libraries' Special Collections & Archives Department. As a third generation "Coveite," or resident of Crystal Cove, Ms. Davick's collection includes photographs, oral histories, and ephemera, which document 100 years of Crystal Cove's history. Crystal Cove, situated on 3.2 miles of coastline between Corona Del Mar and Laguna Beach, has a long and important history of farming, recreation, and habitat conservation in Orange County. In addition to her collection, Ms. Davick also made a generous gift to establish a new endowment at the Libraries. *The Laura Davick Crystal Cove Historical Archive Collection Endowment*, will provide support for the processing, preservation, and access to her collection and other Orange County Regional history collections at UCI.

Ms. Davick shared, "Crystal Cove has been a huge part of my family's history dating back to 1937. Since 1999, I have dedicated my life to the protection and preservation of this incredible historic resource. During this period,



Laura Davick's grandparents and Laura's uncle. Guy and Mable Webb and their son Tom Webb. Circa 1937 first arriving at Crystal Cove to begin tent camping for the summer.

I have worked on many levels to ensure that Crystal Cove is preserved for future generations through the organization that I founded, now known as Crystal Cove Conservancy. Part of that process has also been about preserving its history. I can think of no better place than UCI Libraries Special Collections and Archives to be the ultimate repository of my collection and family records. For the past two decades it has been my intention to see this through during my lifetime. It brings me great peace to know that this journey has now finally begun."

MEET AUDRA EAGLE YUN

Audra Eagle Yun is the Head of UCI Libraries Special Collections and Archives and University Archivist. In addition to departmental administration, including strategic planning, policy development and grant management, she also manages the Libraries' community centered partnership planning. She works closely with the Director of Development and the University Librarian on gifts-in-kind and philanthropy to support Special Collections and Archives. She also works with local and campus communities to make personal donations of manuscripts, personal papers, rare books, and transfers of University records to the University Archives.



The Laura Davick Crystal Cove Historical Archive Collection (after processing and cataloging) will be accessible to students and researchers from the campus and community who visit the UCI Libraries Special Collections and Archives Department (to learn more, please visit: <https://special.lib.uci.edu/>). The UCI Libraries will also be creating a website featuring the background and histories of the 46 cottages in Crystal Cove. These cottages, built in the 1920s and '30s for beach-goers and tropical movie backgrounds under the ownership of The Irvine Company, are now listed on the National Register of Historic Places, and have been restored by the California State Parks and the Crystal Cove Alliance.

Ashley Burke, a Library IT supervisor, will serve as the Project Lead for the Libraries' team creating the website, which includes staff from UCI Libraries IT, Special Collections and Archives, Development, Communications and Events, and Design Services. Burke shared, "It is an exciting opportunity to create something that will highlight the beauty and history of Crystal Cove! I can't wait to showcase and inspire research about the stories, traditions, and images of such a wonderful part of Orange County." Audra Eagle Yun, Head of Special Collections and Archives and University Archivist, said, "As the founder of the Crystal Cove Alliance, Laura Davick understands the value of ensuring access to our shared Orange County history.

We are honored to preserve and make discoverable the historic archives, stories, and photographs cared for by Laura for scholars and researchers around the world now and for generations to come."



Laura Davick's parents Bob Davick and Peggy Webb circa 1940 who met as teenage tent campers at Crystal Cove.

The collection is currently being processed and catalogued before work on the website can begin. The collection will be available in Special Collections and Archives Department, which serves the campus, local, and international communities by fostering curiosity and discovery through preservation, access, and education. For more information, visit: <https://special.lib.uci.edu/>. ■

MEET ASHLEY BURKE

Ashley Burke is the Supervisor for DevOps in the UCI Libraries' IT Department. In this position, Burke oversees application development, web server operations, and cloud computing needs for the Libraries. Burke manages the projects to create and streamline new technical solutions and workflows for the Libraries while promoting usability and accessibility for all patrons.



NEW EMPLOYEES

MEET MELISSA BEUOY



Melissa Beuoy joined the Education and Outreach department of the UCI Libraries on September 1, 2020, as the Research Librarian for Interdisciplinary Studies. In this role, she supports faculty and student research, library instruction and collection development for several UCI departments and programs, including Gender and Sexuality Studies, Chicano/Latino Studies, Religious Studies, Language Science, Spanish and Portuguese, French and Italian. She also serves as the liaison to the Graduate Division. A typical day might include a virtual research consultation

with a student, investigating scholarly products to support faculty research projects, and ongoing professional development of anti-racist pedagogy.

Melissa grew up in Goleta, CA, then spent a few years in San Diego, a decade in the Bay Area, and another 12 years in New York City. After attending a few semesters of community college in San Diego, she earned her B.A. in English from UC Berkeley, her M.L.I.S. from San Jose State University, and an M.A. in International Education from Teachers College, Columbia University. While at UC Berkeley, Melissa participated in the Education Abroad Program in Bordeaux, France. Her semester in France stoked an obsession with travel.

She can be reached at 949-824-4974 or at melissa.beuoy@uci.edu.

MEET TATIANA BRYANT



Tatiana Bryant joined the Digital Scholarship Services department of the UCI Libraries as the Research Librarian for Digital Humanities, History and African American Studies in September 2020. In this role, she provides consultations and project management for digital humanities projects and public programs; she also performs reference, library instruction, and collection development for History and African American Studies. A typical day can range from answering research questions from students; purchasing materials faculty request for teaching; researching electronic resources and connecting with vendors; to meeting with grad students or faculty to advise on digital projects based on oral histories or other archival materials, and various professional association and campus committee work like planning future events with the UCI Digital Humanities Exchange. She is currently working with multiple faculty and staff on different digital projects, including a digital exhibit on the history of the Black Panther Party's Oakland Community School.

Tatiana is from Bronx, New York, graduated with a B.A. in History from Hampton University, and holds an M.P.A from NYU and an M.S.L.I.S. from Pratt Institute. She likes to watch and read all her media content in Spanish.

She can be reached at 949-824-1640 or at tatiana.bryant@uci.edu.

MEET PATRICIA LAMPRON

Patricia Lampron joined the Cataloging and Metadata Services department of the UCI Libraries as the Cataloging and Metadata Specialist Librarian in July 2021. In this role, she works on the cataloging of serials, electronic resources, maintenance projects, and metadata for digital projects.

Tricia grew up in New Jersey and eastern Pennsylvania. Before arriving to UCI, she lived in Champaign, Illinois for almost 12 years. She has a B.A. in Film and Media Arts from Temple University and a M.S.L.I.S. from the University of Illinois at Urbana-Champaign. Tricia has a love of writing implements and has a collection of old and new fountain pens and refillable pencils.

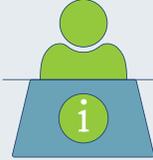
She can be reached at 949-824-4982 or at plampron@uci.edu.



FACTS & FIGURES



3.4 MILLION VIRTUAL VISITS



23,000 STUDENTS RECEIVED RESEARCH INSTRUCTION

NEARLY 9,000 ANSWERED RESEARCH AND REFERENCE QUESTIONS

THE UCI LIBRARIES' ELECTRONIC AND PRINT COLLECTIONS:

VOLUMES: OVER 4 MILLION	GOVERNMENT DOCUMENTS: OVER 100,000
ELECTRONIC BOOKS: OVER 1.9 MILLION	AUDIO/VISUAL MATERIALS: NEARLY 114,000
JOURNALS AND SERIALS: OVER 250,000	ORIGINAL DOCUMENTS: 1,000,000

DELIVERED **4,622** BOOKS VIA CURBSIDE SERVICE



PROVIDED DESKTOP DELIVERY OF **636** ARTICLES AND BOOK CHAPTERS



SPECIAL COLLECTIONS AND ARCHIVES REQUESTS



RECEIVED **285** DISTINCT REFERENCE REQUESTS FOR THE YEAR

31 DUPLICATION REQUESTS SUBMITTED

101 FILES SCANNED AND ELECTRONICALLY PROVIDED IN RESPONSE TO PATRON REQUESTS

2019-2020 ANNUAL EXPENDITURES

APPROXIMATELY **\$22 MILLION**

COLLECTIONS & MATERIALS EXPENDITURE: **41%**

EMPLOYEE WAGES: **50%**

OTHERS: **9%**



LIBRARIES' FACILITIES

350,000 SQUARE FEET INCLUDING JACK LANGSON LIBRARY, SCIENCE LIBRARY, GRUNIGEN MEDICAL LIBRARY, LIBRARIES GATEWAY STUDY CENTER



UCI Libraries

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