

Starlight - Library Digital Exhibits Platform for UC Santa Barbara & UC San Diego

Open-source, cross-campus collaborative project to create attractive, image-rich websites for library collections.

Larry L. Sautter Award Proposal 2020

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What is Starlight?

The Starlight project was an open-source, cross-campus collaborative project to create a UC-specific platform that enables librarians, curators, and others who are responsible for digital collections at the UC libraries to create attractive, image-rich websites that highlight these collections.

Why Starlight?

UC Santa Barbara and UC San Diego had the same problem: they needed library-specific exhibit software to show off the collections that each library had worked hard to digitize. However, either the software available was either out-of-date, complicated, or required a lot of work to create new features. Both teams didn't have enough developer time to roll a custom site for each exhibit and didn't have enough time to train each librarian that needed an exhibit on complicated software.

After discussing their needs together, UC Santa Barbara and UC San Diego decided that their needs were enough alike that tackling the problem alone would cost the UC system more money and effort than if they pooled their resources and their respective expertise together.

The Starlight project is part of a larger collaborative effort of the UC San Diego, and UC Santa Barbara libraries nicknamed Project Surfliner after the Amtrak route that links our campuses together. Project Surfliner is more than shared code, or even shared objectives, it is the collaborative effort. It is building and leveraging the strengths, experiences, and resources of each campus partner to focus on shared concepts and products in a sustainable way.

We have been trying to approach the collaboration in a thoughtful manner, mindful that what we are developing might be of interest to other folks within the UC system or within the larger open-source community. So keeping that in mind, we have come up with three general approaches to help guide the collaboration.

The first is the idea of shared code, separate installations. Ideally this means that each campus does not have to maintain their own code. Rather, we are working toward a truly shared code base that each campus worked on collaboratively with the other campus and is deployed using their own standalone systems. We did a lot of work up front to figure out how to make it easy for each campus to deploy on their own infrastructure without needing local code changes. Our first product, Starlight, succeeded in doing this by having a shared code base that was developed together with a Product Owner from UC Santa Barbara and a lead developer from UC San Diego. We worked as a unified, cross-campus team that ran sprints, solved problems, and communicated together. It was deployed at each campus successfully.

We also know that each campus has unique needs. So rather than trying to design a single monolithic stack we are working to develop a suite of products that are designed to work together but can be mixed and matched based on campus need. Starlight is the first of these projects to be put into production at the UC Santa Barbara and UC San Diego campuses.

Finally, we wanted everyone who was interested in the project UC-wide to feel invited to participate. We know that not everyone can work on the same timeline as us and may want to join this effort but can't do so at this time. We made all of our communications public in our blog. In our agile practice, we created a sprint summary for our stakeholder but we put it on a public website so that anyone interested could see the current status of the work we were doing. We also ran all of our project communications out of the UCTech Slack in a public channel (#surfliner). Our tenet of "radical transparency" meant that our successes and failures were public for the community to see. We wanted other campuses (and other universities) to know what was working for us and what wasn't, even if they weren't part of the same project. We presented at the UC-wide tech conference (UCTech) and at the UC-wide Library technology conference (UCDLFx), and the open-source community conference (Samvera Virtual Connect) to get the word out about our project and invited other campuses to participate.

The Impact of Starlight

UC Santa Barbara migrated over 18 public digital exhibits into the Starlight product. UC San Diego has moved many of their special collections digital exhibits off of outdated custom websites that had constraints in mobile viewing and required all custom coding to their new platform. The standardization of the platform across websites has meant hundreds of hours saved in training end-users and shared documentation. This standardization is evident in the "look and feel" that appears as part of a more cohesive library-branded product. However, it is

not just the visual aesthetic that has unified. It also means a wealth of shared knowledge between the staff, encouraging future collaboration between the campuses, and sharing experiences and successes with the software. We have made 273 commits (code changes) to the Starlight repository in 2019 which demonstrates the collaborative effort of the cross-campus team, including helm charts for standardized container deployment representing saved time due to shared code and significant cost savings for developer time and resources. However, in the end, the results are best showcased as the digital exhibits themselves; rich, easy-to-product exhibits, without having to use a proprietary system (see before/after below).

The Tech

Spotlight - An open-source solution enabling librarians, curators, and others to create attractive, feature-rich websites that highlight digital collections.

Gitlab - A shared code repository and that is available here: <https://gitlab.com/surfliner>.

UCTech Slack - a team communication platform open to the UC-wide community. (#surfliner)

Ghost - blog software (<https://surfliner.ucsd.edu>)

Helm/Kubernetes - Open-source container-orchestration system for automating application deployment, scaling, and management.

Zoom - A video conferencing tool that we used for our daily, 15-minute meetings during sprints, longer planning meetings, and sprint reviews that were recorded and published to YouTube for stakeholders and the public.

Retrium - Sprint retrospective software used to facilitate remote agile retrospectives.

The Time Frame

Our first sprint for Starlight started on February 11, 2019. Starlight was available for librarians and staff in July 2019 for UC Santa Barbara and October 2019 for UC San Diego.

Exhibit examples and screenshots

UC Santa Barbara Library: <https://spotlight.library.ucsb.edu/>

Before - UC Santa Barbara

UC SANTA BARBARA Library
 UCSB Library / LibGuides / Subjects / Exhibitions Online (Library)
Exhibitions Online (Library)
 Browse our best resources, organized by subject

SUBJECTS Exhibitions Online (Library) Go

Guides Databases Blog Posts

Showing 17 Guides

- Against the Wall: Social Justice and Civil Unrest in California 1950s-1970s (7/21/2017) 1
- Anguish, Anger, and Activism: Legacies of the 1969 Santa Barbara Oil Spill (7/21/2017) 1
- Art of Science, 2013 (7/21/2017) 1
- Art of Science, 2016 (7/21/2017) 15
- Conjuring India: British Views of the Subcontinent, 1780-1870 (7/21/2017) 1
- Construction to Reimagination: UCSB Library Photo History (1954-2016) (7/21/2017) 1
- Garimpeiros: The Wildcat Gold Miners of the Amazon Rainforest (7/21/2017) 1
- Grit in Justice (7/21/2017) 1
- Helmets of the First World War: Battle, Technology, and Culture (7/21/2017) 1
- Indigenous Peoples of the Americas: Roots, Resistance and Reemergence (7/21/2017) 1
- Isla Vista: Building a Community, 1970-2016 (7/21/2017) 1
- K-pop Material Culture and Global Fandom (7/21/2017) 14
- Modes of Codes: The Art of the Book from Medieval Fragments to Movable Type and Fine Press Printing (7/21/2017) 13

Search

Search the full text of this site. Results are your terms, results from subject page as filtered by that subject.

Enter Search Words

Search

Experts

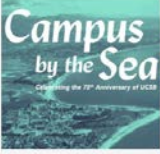
No experts have been assigned to this

After - UC Santa Barbara


University of California, Santa Barbara

UC Santa Barbara Library
 Exhibitions Spotlight


All Special Research Collections




Campus by the Sea




Eunice Foote to UCSB




The Creative Edge of Collecting



In Her Own Image



Anguish, Anger, and Activism




Viennese Operetta and the World of Franz Lehár

UC SANTA BARBARA Library
 UCSB Library / LibGuides / K-pop Material Culture and Global Fandom / Home

K-pop Material Culture and Global Fandom: Home
 guides to the UCSB Library exhibit on display from April 13th through May 29th, 2017

Home On Exhibit About K-pop Exhibit Credits #UCSBKPOP Issues

UCSB Library Exhibit: April 13th - May 29th



On Exhibit

K-pop Material Culture, Global Fandom

K-pop

An abbreviation for "Korean popular music," K-pop is only one facet of the growing global phenomenon known as Korean Wave or *Hallyu*. The term, K-pop, has become synonymous with gender-segregated solo groups "manufactured" by South Korean entertainment corporations. The music is a fusion of Western pop genres. The videos are candy-colored, high-budget spectacles featuring highly synchronized dance routines, and their YouTube views have risen from 700 million to 20.0 to 7.6 billion in 2014.

Material Culture

Material culture is the relationship between people and things.

— Arwen Moberg

The K-pop industry is also known for its physical products featuring elaborate conceptual artwork, non-standard packaging, and unique presentations. The material culture of K-pop—the officially licensed goods produced by entertainment companies—rises the merchandise genre from CDs and DVDs to clothing and accessories, to calendars, toys, and light sticks.

Global Fandom

The international K-pop fandom, now 10 million strong according to 2013 numbers, is multiracial, multiethnic, multinational, and extends far beyond East and Southeast

University of California, Santa Barbara

Anguish, Anger, and Activism
 Legacies of the 1969 Santa Barbara Oil Spill

Home It began on January 28, 1969. Browse About

Introduction

Fifty years ago the Santa Barbara area experienced an environmental disaster, the legacy of which remains today. While drilling an oil offshore well on Platform A on January 1969, a blowout occurred releasing oil into the ocean. Within two days the resulting oil slick extended over 150 miles, devastating local wildlife and covering the beaches in oily goo. The ecological impact was immense: within 100 days an estimated 72,000 barrels of oil had been released, at its maximum size the slick covered 665 square miles, and thousands of sea birds and animals perished as a result of the contamination.

Slack was thrown into the water to absorb the oil, and over 5,000 truckloads carried contaminated debris to landfills while more than 1,000 men worked to clean up the beaches. Tourism and the fishing industry suffered, and residents of the central coast were stunned by what they were witnessing. This horrific sight led to the creation of a local anti-oil group called Get Oil Out (GOO) and galvanized local environmental activists. Within months GOO had collected more than 100,000 signatures on anti-oil petitions. In early 1970, an attempt to deliver 200,000 signatures to President Nixon at his "Western White House" in San Clemente was thwarted by presidential aides.

The anguish felt by local residents trying to cope with the devastation transformed people into activists working to protect the environment. Passionate citizens responded by forming other groups such as the Community Environmental Council and the Environmental Defense Center. At UCSB, faculty joined together to launch a formal Environmental Studies Program, which remains one of the strengths of our university today. Many sources cite the 1969




On Exhibit at UCSB Library, January 28 through 2019 Spring Quarter
 Special Research Collections (3rd Floor, Mountain Side)

UC SANTA BARBARA Library
 UCSB Library / LibGuides / Art of Science, 2016 / Introductory Text

Art of Science, 2016: Introductory Text
 The Library is again exhibiting the winners of the annual Art of Science Competition. Organized by the Scholar Lib and the Center for Science and Engineering Partnerships at the California NanoSystems Institute, the exhibition about UCSB researchers to showcase

Introductory Text Competitions Winners Welcome Back! Images from Artists in Resonance in Slingshot

Competition Image



Art of Science

Artists, scientists, are more right-brained, prone to feeling and imagination. Scientists, researchers, are more left-brained, using logic and facts.

— Leonardo da Vinci, sketching a hot air balloon.

The left and right sides of our brains coexist in marvelous synergistic ways. The first annual Art of Science competition proves that both halves are being learned simultaneously at UCSB.

Art of Science challenges UCSB researchers — undergraduates, graduate students, and postdocs — to express the joy of scientific discovery through creative, "fun" images on a special new note selected by a panel of judges, and by popular vote, based on their artists' residence as well as scientific or technical interest.

The competition was sponsored by UCSB's Scholar Lib and Center for Science and Engineering Partnerships at the California NanoSystems Institute. The UCSB Library is proud to showcase these eye-opening and adding intersections of art and science. For more information about the contest, and to see more submitted images, visit our [web site](#).

Exhibition Poster

University of California, Santa Barbara

Isla Vista
 Building a Community, 1970-2016

Home Isla Vista: Building a Community, 1970-2016 About

Tags: Community Building and Culture

The Vietnam War

Early History of Isla Vista and UCSB

Social Unrest

Police Brutality

Burning of the Bank


Community Building and Culture

Isla Vista Recreation & Park District

Isla Vista Foot Patrol

The Green People and Alternative Lifestyles

Housing and Enrollment



The dominant student population in Isla Vista lived a unique youth counterculture that also included hippies and transients in the middle of a small residential community of families, faculty, and recent immigrants. Questions of governance were central for this generation of students and residents. The creation of the Isla Vista Community Council (IVCC) in 1969-1970—first as an informal community-based group and then as an elected representative body recognized by the county—was a milestone development following the riots and represent the first attempt to create a process for self-governance that included student participation. It was seen as a major step forward in representing Isla Vista's interests in the county.

Before - UC San Diego

THE VISUAL FRONT
POSTERS OF THE SPANISH CIVIL WAR FROM UCSD'S SOUTHWORTH COLLECTION

Introduction

Visual Index (Entire Poster Collection)

Catalogue

Chronology of the War

Acknowledgements

Lists of References

Afterword: Herbert R. Southworth Collection

Index of Posters from the Visual Front catalogue

After - UC San Diego

THE LIBRARY UC San Diego

THE VISUAL FRONT
POSTERS OF THE SPANISH CIVIL WAR FROM UC SAN DIEGO'S SOUTHWORTH COLLECTION

HOME CATALOGUE BROWSE ABOUT

Home Visual Front

Catalogue

Visual Index

ADHESIVE PROPAGANDA
STAMPS OF THE SPANISH CIVIL WAR

Publishers

In addition to a large number of stamps printed by non-governmental organizations, government stamps were issued at all levels of government, including local, provincial, regional, and national.

UCSD

THE LIBRARY UC San Diego

ADHESIVE PROPAGANDA
STAMPS OF THE SPANISH CIVIL WAR

HOME STAMPS

Home Publishers

Publishers

In addition to a large number of stamps printed by non-governmental organizations, government stamps were issued at all levels of government, including local, provincial, regional, and national.

The Missions of Alta California
Photographs by William Henry Jackson

San Diego San Luis Rey San Juan Capistrano San Gabriel San Fernando Santa Barbara
Santa Ynez San Miguel San Antonio San Carlos San Juan San Francisco

HOME COLLECTIONS SPECIAL COLLECTIONS & SERIES THE MISSIONS OF ALTA CALIFORNIA SEARCH RESULTS

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UCSD Library

THE LIBRARY UC San Diego

THE MISSIONS OF ALTA CALIFORNIA
PHOTOGRAPHS BY WILLIAM HENRY JACKSON

HOME MISSION SITES

Home Santa Barbara

Santa Barbara