## 3-D technology at UCSD Library helps sea turtle thrive

Birch Aquarium has teamed up with the Digital Media Lab at the University of California-San Diego (UCSD) Library to create what is believed to be the first 3-D-printed brace for a sea turtle's shell. The Loggerhead Sea Turtle was rescued from a New Jersey power plant in 2013 with a large gap in the bottom right part of her shell. This gap, along with an abnormal curve of her spine and paralysis of her back flippers, is likely due to trauma experienced in the wild before she was rescued.

The juvenile female Loggerhead sea turtle was CT scanned at UCSD's Thornton Hospital two times since her arrival to monitor the changes in her shell. Using a combination of the CT scans and their own 3-D scanning techniques, the team was able to design and fit a brace that is a perfect fit to her shell, so it will not encumber the sea turtle.

The brace is made of a rigid white plastic that was 3-D printed to fit the turtle's shell precisely. There is a ratcheting plastic cable that attaches to two fasteners to provide strength, support, and pressure as needed to allow flexibility as she grows. A velcro neoprene weight pocket is also attached, separately, to help provide neutral buoyancy while she rests. All of the equipment used was adhered with a safe, two-part marine epoxy. The sea turtle, which could grow to as much as 250 pounds—will eventually outgrow the brace and have to be fit for a new one.

## 2018 ACRL Scholarly Communication RoadShow Hosts Announced

The ACRL Research and Scholarly Environment Committee has selected five sites to host the workshop "Scholarly Communication: From Understanding to Engagement" at a subsidized rate in 2018. Recognizing that scholarly communication issues are central to the work of all academic librarians and all types of institutions, ACRL is underwriting the bulk of the costs of delivering this proven content by sending expert presenters on the road.

The institutions selected to host the 2018 workshops are Bowdoin College (Brunswick, Maine); New York University, Abu Dhabi (Abu Dhabi, United Arab Emirates); University of Illinois at Urbana-Champaign (Urbana, Illinois); University of North Carolina-Greensboro (Greensboro, North Carolina); and West Virginia University (Morgantown, West Virginia).

In addition to the competitive subsidized version, the Scholarly Communication workshop is part of ACRL's slate of daylong RoadShows that can be brought year-round at full cost to your campus, chapter, or consortia. More information is available on the ACRL website at www.ala.org/acrl/conferences/roadshows

## Rare films from Texas A&M-Corpus Christi Archives added to National Film Registry

The Mary and Jeff Bell Library Department of Special Collections and Archives at Texas A&M University-Corpus Christi recently announced that films from the Antonio Rodriguez Fuentes and Josefina Barrera Fuentes Family Papers have been named to the National Film Registry. The films, which were preserved through a 2015 partnership with the Texas Archive of the Moving Image, are among the 25 American films deemed "culturally, historically, or aesthetically" significant through their addition to the registry, announced by the Library of Congress in December 2017.

Antonio Rodríguez Fuentes (1895–1988) and Josefina Barrera Fuentes (1898–1993) were longtime Corpus Christi residents who ranked among the most involved individuals in early local Mexican American community

## Financial Management in Academic Libraries: Data-Driven Planning and Budgeting

ACRL announces the publication of *Financial Management in Academic Libraries: Data-Driven Planning and Budgeting* by Robert E. Dugan and Peter Hernon. The book explores the connection between financial management and accountability, effectiveness, efficiency, and sustainability, and demonstrates how to capture them in a realistic, data-supported budget.

All library managers must understand and manage budgets, from planning through implementation, reporting, and conducting audits. Budgeters also need familiarity with the use of metrics, the ability to relate the use of the data gathered to improved performance and organizational efficiency, and automated management information systems to effectively tell their library's story and advocate for budgetary support.

In its first eight chapters, with tables, figures, data application, and exercises throughout, *Financial Management in Academic Libraries* covers the various stages and topics involved in managing budgets: planning, the types of budgets used in academic institutions, the overall budgeting process as well as a specific process in p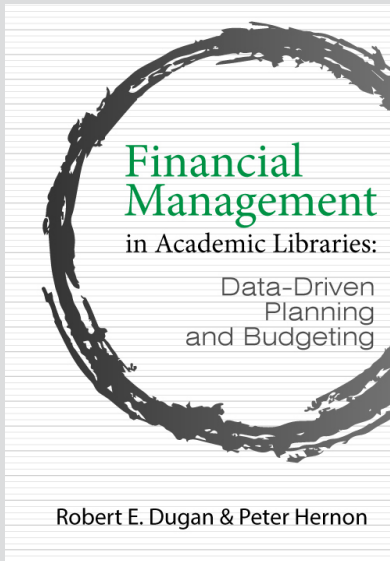rogram budgeting, managing a budget during the fiscal year and its aftermath, and providing reports on the budget. The ninth chapter introduces general concepts to help address budget reduction strategies, potential fraud, and financial best practices. The final chapter elevates the discussion from financial management to financial leadership, the articulation of a detailed vision, and the realignment of the budget with the promises specified in that vision.

Among the different units of an academic institution, the library has an advantage in that its managers can link its effectiveness directly to the library's infrastructure, its staffing, collections, services, and technology. Focusing on these components can enable everyone in the library to work to achieve organizational sustainability over time and advocate for their place in the institution.

*Financial Management in Academic Libraries: Data-Driven Planning and Budgeting* is available for purchase in print and as an ebook through the ALA Online Store, in print through Amazon.com, and by telephone order at (866) 746-7252 in the United States or (770) 442-8633 for international customers.

organizations. Antonio Rodríguez Fuentes was an avid amateur photographer. His motion pictures represent some of the earliest made by a Mexican American filmmaker about the Mexican American community in Texas. His photography spanned a range of topics, including family and historically valuable images from the organizations in which he and his wife were active.

The films named to the registry were shot with a French-made Pathex camera on 9.5 mm film, a rare film format popular for a short time in the early 20th century, primarily in Europe, and can be viewed online at www.youtube.com/channel/UCbn3S-_nftnSJ _2E77EPgrw.

## Gabriel García Márquez archive images now online

More than 27,000 images from Nobel laureate Gabriel García Márquez's archive are now available online through the Harry Ransom Center at the University of Texas-Austin. A significant portion of the archive is accessible, including materials from García Márquez's works of fiction, 22 personal scrapbooks and notebooks, a memoir, screenplays, photographs, and ephemera.

The project, which includes text-searchable English- and Spanish-language materials, took 18 months and involved the efforts of librarians, archivists, students, technology staff members, and conservators. The university's Benson Latin American Collection provided guidance on how best to describe García Márquez materials in Spanish.

The digitization and access project, "Sharing 'Gabo' with the World: Building the Gabriel García Márquez Online Archive from His Papers at the Harry Ransom Center," was supported by a Digitizing Hidden Special Collections and Archives grant from the Council on Library and Information Resources. The grant program is made possible by funding from The Andrew W. Mellon Foundation. The images are available for view at http://hrc. utexas.edu/ggmdigital.
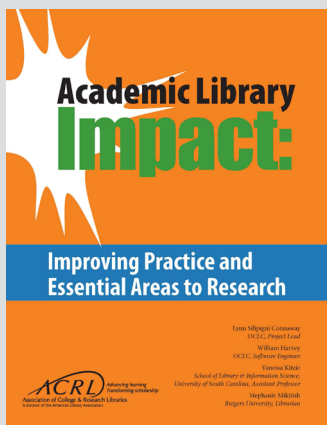
## 2018 Academic Library Impact Research Grants

ACRL is pleased to announce the launch of the new Academic Library Impact Research Grants. The ACRL Board of Directors has allocated $20,000 in fiscal year 2018 to offer research grants of up to $3,000 each. These grants will enable librarians to carry out new research, particularly in areas suggested by ACRL's 2017 report *Academic Library Impact: Improving Practice and Essential Areas to Research.*

ACRL invites practicing librarians and information professionals employed in academic and research libraries to apply for funding for research that will demonstrate library contributions to student learning and success. Each proposed project should aim to build on the foundations of the *Academic Library Impact* report and fill gaps in existing literature. As the report's authors write, it is intended to act "as a catalyst for the study of college and university student learning and success," highlighting questions for further investigation as well as tools and methods that can be applied to them or any number of related topics.

Applications are due by April 1, 2018. ACRL expects to announce future rounds of research grants in 2019. Complete details, including how to apply, are available on the ACRL website at www.ala.org/acrl/awards/researchawards /impactgrants.

## EBSCO, ATLA launch religion resources

EBSCO Information Services (EBSCO) and the American Theological Library Association (ATLA) have announced a new offering, ATLASerials PLUS (ATLAS PLUS), and the enhancement of their existing offering, ATLA Religion Database (ATLA RDB). Both resources are available via EBSCO's EBSCOhost platform. ATLAS PLUS provides more than 425 full-text journals in many diverse areas of religion and theology, with full-text content in 16 languages from more than 30 different countries. ATLAS PLUS includes all the titles in ATLA's original full-text product, ATLASerials (ATLAS) and offers an additional 100 full-text titles at launch.

In addition, ATLA is merging ATLA Catholic Periodical and Literature Index (ATLA CPLI) into ATLA RDB. Once a stand-alone product specific to Catholicism, ATLA CPLI content will enhance ATLA RDB with the inclusion of more than 500,000 additional records. For more information, visit www.ebsco.com/who-we-serve/academic-libraries/subjects/religion-philosophy.

## Crossref accepts preprints

Crossref recently began accepting registration of Crossref DOIs for preprints. The key decision is to acknowledge that preprints are a valuable part of the research story, and to ensure that authors' own or institutional repository versions can be linked up with any eventual version on a publisher's site. The availability of DOIs for preprints will ensure links to these publications persist over time, preprints are connected to the full history of the shared research results, and the citation record is clear and up-to-date.

## Guidelines for Media Resources in Academic Libraries draft revision feedback

An ACRL task force seeks comments on a draft revision of the association's 2012 Guidelines for Media Resources in Academic Libraries. Review the draft revision located in the Standards, Guidelines, and Frameworks section of the ACRL website (www.ala.org/acrl/standards), and send feedback to Guidelines for Media Resources in Academic Libraries Task Force Chair Gisele Genevieve Tanasse at gtanasse@library.berkeley.edu by Friday, March 2, 2018.

The task force is additionally hosting a session at the 2018 ALA Midwinter Meeting for in-person feedback, discussion, and commentary on the draft. The session will be held on Saturday, February 10, from 10:30 a.m. to noon in the Sheraton Denver Downtown Governor's Square 11 room. ✄

## Tech Bits . . .

### Brought to you by the ACRL ULS Technology in University Libraries Committee

VoiceThread is a cloud-based software application for creating, recording, editing, storing, and sharing multimedia presentations. A wide variety of file types can be uploaded into VoiceThread. The comment feature can be used to incorporate a lecture or verbal remarks, the writing tool to add notes to a slide, and the pointer to direct viewers' attention to specific content. VoiceThread is designed to support an interactive learning experience. Invite students to add their own comments to slides or respond to the comments of others. Comments can be made via text, microphone, telephone, webcam, or audio file upload. Librarians can use VoiceThread for asynchronous online library instruction for distance learners and to create online tutorials. Individual instructor and site licenses are available for a fee.

*—Rosalind Fielder-Giscombe*
*Chicago State University Library*

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