

ARIEL HAMMOND

Library, Information, & Data Science

CURRICULUM VITAE

SKILLS

Digital
Technology

Reference
Project
Management

Collection
Development

Cataloging

Graphic
Design

Customer
Service

PROGRAMMING

HTML - Strong

CSS - Strong

SQL - Moderate

Python -
Moderate

R - Beginner

LANGUAGES

French - Fluent

EXPERIENCE

SAN DIEGO NATURAL HISTORY MUSEUM

LIBRARY DIRECTOR & CURATOR - SEPT 2021 - PRESENT

Curate, care for, oversee, and promote SDNHM's research library, institutional archives, special collections, and library exhibition gallery.

Manage day-to-day activities of the research library, provide staff with access to information resources, and perform research and reference services.

Manage the special collections (rare books, maps, fine art and photographs), and advocate for best practices in storage, preservation, digitization, use and safe handling.

Manage institutional archives, facilitate research, organization, and digitization, as well as the collection and curation of physical and digital archives.

Develop the library's collections and highlight significant holdings for the dedicated library exhibition space.

Serve as liaison between the research and other departments of SDNHM, and provide expert support on digital resources and metadata, editorial services, policy development, and other duties as needed.

SAN DIEGO ZOO GLOBAL

ASSISTANT LIBRARIAN, INTERN, VOLUNTEER - APR 2017 - JUN 2020

Performed research and reference assistance, notably for snake

Spanish -
Beginner

Sinhalese -
Beginner

PROFESSIONAL INTERESTS

Information
Behavior

Data Curation,
Preservation, &
Access

Knowledge
Organization

Community
Engagement

PERSONAL INTERESTS

Drawing

Gardening

Soapmaking

Reading

Hiking

reproduction, elephant enclosure landscaping, pygmy hippo maternity and birthing, and the Hawaiian Endangered Birds project.

Created and organized the 2019 Camera Trap Technology Symposium attended by the BBC, AMNH, and Conservation International, held at Google Headquarters. Curated metadata for CA Revealed digitization grant. Oversaw staff publications input into citation management software. Transformed data for Institutional Repository. Constructed Archivist's Quill digitization machine and digitized 1927 Zoo Guidebook for reproduction. Created and maintained Libguides and library website. Oversaw and created new Sperm Atlas.

Provided exhibit and archival research assistance, including creating displays and signage, notably for CNN. Performed circulation, programming/outreach, and library tours. Oversaw weekly Zoo & Conservation Newsletter.

Performed inter-library loans, Ebsco FTP, and serials management. Cataloged & physically processed new materials, conference proceedings, ICR Seminars, donations, and more, for all library locations. Performed ongoing collection development and maintenance. Inventoried entire Circulation and Rare Books collections.

Created materials for Vietnamese NGO WildAct; library training manual for Environmental children's library, and recommended reading list for college level Animal Welfare course.

BARNES & NOBLE, INC.

HEAD CASHIER, HEAD OF NEWSSTAND - AUG 2010 - JAN 2013

Managed Cash Areas, oversaw registers, cash room, and safe. Trained & Assisted Employees, Served Customers, and Maintained floor. Trained as Stockroom Manager. Promoted from Head of Newsstand.

EDUCATION

RUTGERS, THE STATE UNIVERSITY OF NEW JERSEY

MASTER OF INFORMATION - JUNE 2018 - PRESENT

Library, Information, & Data Science. 4.0 GPA.

DIY Path: Information Behavior & Technology.

Program Advisor: Dr. Lilia Pavlovsky

Mentor & Advisor: Dr. Michael Lesk

Relevant coursework: Digital Curation. Social Informatics. Information Technology. Data Analytics. Project Management. Grant Writing. Human Information Behavior. Cataloging. Children's Literature. Independent Study: Ecological Data Management, study advisor Dr. Michael Lesk.

PALOMAR COLLEGE

LIBRARY SUPPORT STAFF CERTIFICATE PROGRAM - JAN 2016 - MAY 2018

Library & Information Science. 4.0 GPA.

Relevant coursework: Reference. Technical Services. Public Services. Children's Librarianship.

UNIVERSITY OF CALIFORNIA, SAN DIEGO

BACHELOR'S OF ARTS - JUNE 2008 - JUNE 2010

Literatures in English.

Cum Laude. Honors with High Distinction. Provost's Honors (2x). 3.65 GPA.

PROJECT MANAGEMENT

CAMERA TRAP TECHNOLOGY SYMPOSIUM

NOV 2019

Created, organized, and successfully accomplished. Managed logistics for presenters, schedule, website, sponsors, finances, shuttles, hotel rooms, programs, signage, event insurance, and all communications. 30 presenters, 60 in-person attendees, 88 virtual attendees. Held at Google headquarters in San Jose, CA. Sponsored by Google, Rutgers, Microsoft, and San Diego Zoo Global.

Symposium addressed the need for new software, hardware, and AI development for camera traps. Showcased the latest innovations, gave voice to different and international perspectives, and provided a platform for discussion and collaboration. Included a camera trapping field trip to UC Santa Cruz and a tour of a wireless camera system at Stanford. Has already produced new organizational collaborations.

CAMERA TRAP SYMPOSIUM - PROJECT MANAGEMENT

JUN - AUG 2019

Led a group of 4 Masters of Information students to plan the Camera Trap Technology Symposium on special assignment for a project management course. Created a project proposal, detailed budget, timeline, and presentation, all of which were shown to potential sponsors.

CAMERA TRAP COMPUTER VISION WEB CONFERENCES

JUN - JUL 2018

Organized and led a series of web conferences for those working on computer vision for camera traps. Presentations from Google Earth Outreach, Microsoft AI for Earth, Zooniverse, and Zoological Society of London.

CAMERA TRAP DATA PRESERVATION

OCT - DEC 2018

Led team of 9 Masters of Information students in creating a preservation plan for 5.5 TB of camera trap images for Wildwatch Kenya. Created assignments, deadlines, objectives, and oversaw the final paper. Submitted suggested grades to the professor.

PRESENTATIONS

SPECIAL LIBRARIES ASSOCIATION SAN DIEGO - FALL SEMINAR

OCT 2019

Led roundtable: "Becoming a de-facto distance librarian." Discussed providing information needs for non-traditional patrons, where to draw the line, and how the nature of service impacts the profession.

UNIVERSITY OF DENVER - LIBRARY SCIENCE COURSE VIDEO

MAY 2019

Filmed for roundtable on access services. Recording is for a course on Library & Information Science for University of Denver graduate students. Instructor: Peter Organisek

SDZG ORGANIZATION-WIDE VOLUNTEER MONTHLY MEETING

OCT 2018

"Recent Projects at the SDZG Library." Covered digitization machine and projects, the Western Archives Institute visits, staff publications

management needs and challenges, and overall data management. Delivered to 100+ people.

COMMITTEES

WILDLIFE INSIGHTS - TECHNOLOGY COMMITTEE

JANUARY 2019 - JANUARY 2020

Camera trap data management platform, being developed by WCS, Conservation International, Google, and others. Personally contributed on persistent identifiers, metadata, data ingest, location obfuscation, and machine learning.

SPECIAL LIBRARY ASSOCIATION

SAN DIEGO CHAPTER - MEMBERSHIP CHAIR, MAR 2019-MAR 2020

Connected with current, new, and prospective members. Created signage and marketing materials.

PUBLICATIONS

CREATING A SPACE FOR "LOWBROW" INFORMATION BEHAVIOR: FROM DIME NOVELS TO ONLINE COMMUNITIES

MAR 2020

Information school conference 2020 Short Research Paper. Published in: Lecture Notes in Computer Science. Written with: Diana Floegal, M.I., Heather Moulaison-Sandy, Ph.D., and Sarah G. Wenzel.

STRIDING TOWARDS AN INSTITUTIONAL REPOSITORY: MANAGING STAFF PUBLICATIONS AT SAN DIEGO ZOO GLOBAL

JUNE 2019

College & Research Libraries News.

PROFESSIONAL DEVELOPMENT

DIGITAL INITIATIVES SYMPOSIUM 2021

UNIVERSITY OF SAN DIEGO, CALIFORNIA

Notable Sessions: What is Open about Closed: an Ubuntu Perspective of Open Access (Cape Town U). Working with the Community to Preserve Histories (U of Manitoba). Mapping Renewal: How An Unexpected Interdisciplinary Collaboration Transformed a Digital

Humanities Project(UA Little Rock). Supporting Sustainable Digital Humanities Projects: Managing the Lifecycle of Student-Created Web Content from Inception to Archiving (Rollins College & University of Central Florida).

LIBRARIAN RESERVE CORPS / SPRINGSHARE WEBINAR 2021

Topic: The Librarian Reserve Corps, a volunteer body of librarians dedicated to fighting pandemic misinformation, discussed its work and how it uses the suite of Springshare products to accomplish its goals.

NORTH AMERICAN CONGRESS FOR CONSERVATION BIOLOGY 2020

DENVER, COLORADO

Accepted proposal: 2-day Camera Trap Technology Workshop.
(Cancelled due to COVID-19)

iCONFERENCE 2020

UNIVERSITY OF BORÅS, SWEDEN

Accepted paper: "Creating a space for 'lowbrow' information behavior: From dime novels to online communities."

SPECIAL LIBRARIES ASSOCIATION SAN DIEGO FALL SEMINAR 2019

SAN DIEGO, CALIFORNIA

Led Roundtable: "Becoming a de-facto distance librarian."

CONFERENCE ON COMPUTER VISION AND PATTERN RECOGNITION 2019

LONG BEACH, CALIFORNIA

Workshop: Fine-Grained Visual Categorization.

Notable Sessions: Artwork Collection Data at the Met. Learning semantics and geometry with less supervision. Wildlife Population Analysis Using Wildbook: Computer Vision Challenges, Algorithms, and Applications. Citizen science and fine-grained categorization are revolutionizing biodiversity, ecology, and animal behavior research.

i CONFERENCE 2019

UNIVERSITY OF MARYLAND, MARYLAND

Theme: "Inform, include, inspire."

Notable Sessions: Workshopping a Data Equity Manifesto. Charting the Future of Forced Migration Research in Information Science. Online Nonsense: Tools and Teaching to Combat Fake News on the Web. Conceptualizing the Future of Information Privacy Research. Scientific Work and Data Practices. Measuring and Tracking Scientific Literature. Online Activism. Brewster Kahle - Opening Our Libraries: Millions of Books Online through Controlled Digital Lending. Social-Media Text Mining and Sentiment Analysis. Innovation and Professionalization in Technology Communities. Carla Hayden - Librarian of Congress Q&A.

CALIFORNIA HERITAGE PROTECTION PROJECT 2018

SAN DIEGO, CALIFORNIA

Disaster Preparedness workshop series. Covered fire, water, mold, and insect damage, how to manage and mitigate disasters and practiced rescuing books. Created in depth disaster preparedness plans.

SPECIAL LIBRARIES ASSOCIATION SAN DIEGO FALL SEMINAR 2017

SAN DIEGO, CALIFORNIA

Theme: "Library budgets today: Making lemons from lemonade"

MEMBERSHIP

AMERICAN LIBRARY ASSOCIATION

ROUND TABLES - Library Research, Social Responsibilities, and Sustainability.

ASSOCIATION OF COLLEGE & RESEARCH LIBRARIES

SECTIONS - Digital Scholarship, Science & Technology, and Rare Books & Manuscripts.

INTEREST GROUPS - Access Services, Technical Services, University Libraries .

SAN DIEGO LIBRARY SCIENCE STUDENTS

CREATOR & ORGANIZER - Meetup group for San Diego Library & Information Science students. Fosters community, encourages new ideas in librarianship, shares job openings, & explores local libraries.

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