ARIEL HAMMOND

Library, Information, & Data Science

PORTFOLIO ArielHammond.com   EMAIL AHammond@sdnhm.org

LOCATION San Diego, California

CURRICULUM VITAE

SKILLS

Research

Project Management

Digital Technology

Collection Development

Cataloging

Graphic Design

Customer Service

PROGRAMMING

HTML - Strong

CSS - Strong

SQL - Moderate

Python - Moderate

R - Beginner

EXPERIENCE

SAN DIEGO NATURAL HISTORY MUSEUM

DIRECTOR of RESEARCH LIBRARY & ARCHIVES - 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.

Created and serve on the Nat Council, assisted with reaccreditation. Serve on the Collections Care Committee, Hiring Committee for Director of Conservation Biology, science department strategic planning Project Team. Served on IDEA Committee.

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 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 - DEC 2021

Library, Information, & Data Science. 4.0 GPA.
Beta Phi Mu

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 (x2). 3.65 GPA.

GRANTS

GLASS PLATE PHOTOGRAPHS

PARKER FOUNDATION - DEC 2022
Digitizing glass photographs. $25k.

TECH LAB

EVOLUTIONARY VENTURE FUND, SDNHM - JAN 2022
Internal technology lab. $8k.

PRESENTATIONS

THE IMPORTANCE OF SCIENTIFIC ARCHIVES

DEC 2022
Reuben H. Fleet Science Center.

SHARED LEADERSHIP

OCT 2022
Western Museums Association, Annual Meeting.

RARE BOOK ROAD TRIP: BAJA CALIFORNIA

AUG 2022
San Diego Natural History Museum.

ROUNDTABLE: BECOMING A DE-FACTO DISTANCE LIBRARIAN

OCT 2019
Special Libraries Association San Diego, Fall Seminar.

ROUNDTABLE: ACCESS SERVICES

MAY 2019
University of Denver
Library & Information Science graduate-level course video, filmed in studio. Moderator & Instructor: Peter Organisek

RECENT PROJECTS AT THE SDZG LIBRARY

OCT 2018
SDZG
Delivered to 150+ people at organization-wide volunteer event.

COMMITTEES

NAT COUNCIL

JUL 2022 - PRESENT
SDNHM Internal council. Led the creation and implementation. Departmental representatives serve on the council, regardless of hierarchy or rank. Created demonstrated improvement in employee satisfaction in areas of transparency, communication, and inclusion.

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

MAR 2019-MAR 2020
Membership Chair - Connected with current, new, and prospective
members. Created signage and marketing materials.

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.

PUBLICATIONS

PLEASE DON'T BREAK: BEST PRACTICES FOR DIGITIZING, ARCHIVING, AND EXHIBITING GLASS PLATE PHOTOGRAPHS

UNDER REVIEW
Co-Authors: Noelle Zocco, Alejandra Tomeo, & Diego Jimenez

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.
Co-authors: 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 2023

UNIVERSITY OF SAN DIEGO, CALIFORNIA

iCONFERENCE 2023

BARCELONA - VIRTUAL

Reviewer

WESTERN MUSEUMS ASSOCIATION, ANNUAL MEETING 2022

PORTLAND, OREGON

Session Presenter

iDigBio CONFERENCE 2022

FIELD MUSEUM, CHICAGO - VIRTUAL

iCONFERENCE 2022

UNIVERSITY OF ILLINOIS - VIRTUAL

DIGITAL INITIATIVES SYMPOSIUM 2021

UNIVERSITY OF SAN DIEGO, CALIFORNIA.

LIBRARIAN RESERVE CORPS 2021

SPRINGSHARE WEBINAR
Topic: The Librarian Reserve Corps

NORTH AMERICAN CONGRESS FOR CONSERVATION BIOLOGY 2020

DENVER, COLORADO

Accepted proposal: 2-day Camera Trap Technology Workshop.
(Canceled 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

Fine-Grained Visual Categorization workshop.

i CONFERENCE 2019

UNIVERSITY OF MARYLAND, MARYLAND

Theme: "Inform, include, inspire."

CALIFORNIA HERITAGE PROTECTION PROJECT 2018

SAN DIEGO, CALIFORNIA

Disaster Preparedness workshop series.

SPECIAL LIBRARIES ASSOCIATION SAN DIEGO FALL SEMINAR 2017

SAN DIEGO, CALIFORNIA

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

IN PRESS

DEL MAR TIMES

"Del Mar resident becomes newest curator at the San Diego Natural History Museum."

PRESS RELEASE

"Research Library Director Ariel Hammond to Focus on Digitization and Accessibility."

RUTGERS

"Arie Hammond '21, San Diego Natural History Museum Library Director, Reflects on the MI Program."

RUTGERS

"MI Student Ariel Hammond Organized the First Camera Trap Symposium and Web Conference."

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

2018 - 2020 - CREATOR & ORGANIZER - Meetup group for San Diego Library & Information Science students. Fostered community, encouraged new ideas in librarianship, shared job openings, & explored local libraries.

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