Jonathan M. Farbowitz

Education

New York University, M.A., Moving Image Archiving and Preservation, May 2016

Thesis
Preserving Malware in Archives, Museums, and Libraries, *Advisor:* Howard Besser

Extracurricular Activities
Co-organizer of Audiovisual Preservation Exchange Santiago, Chile, 2016
Participant in Audiovisual Preservation Exchange Buenos Aires, Argentina, 2015
Association of Moving Image Archivists Student Chapter Secretary, 2015 – 2016

Vassar College, B.A. (honors in subject area), Major in Film, Minor in Philosophy, May 2005

Selected Professional and Fellowship Experience

Fellow in the Conservation of Computer-based Art, Solomon R. Guggenheim Museum
New York, NY, 2016 – Present
- Address preservation needs through assessment, documentation, and treatment of computer-based artworks in the collection, dating from 1989 to the present
- Research and develop workflows for acquisition and archiving of computer-based artworks

Contract Conservator, Yale University Art Gallery
New Haven, CT, 2018
- Assessed condition of two computer-based artworks in collection
- Presented to staff on workflows and standards for the conservation of computer-based art

Collections Assistant for Museum of the American Indian Collection, NYU Libraries
New York, NY, 2016
- Perform physical assessment and inventory of moving image and audio items in collection
- Determine workflows for processing born-digital media, such as DVDs, CD-ROMs, and video files

Library and Archives Fellow and Vrecord Developer, City University Television (CUNY TV)
New York, NY, 2015
- Implemented new features for vrecord open-source video capture software, tested vrecord, reported and responded to bugs in the software
- Digitized U-matic tapes, documented digitization processes, and instructed other staff members on digitization procedures

Moving Image Collections Fellow, Bancroft Library, University of California Berkeley
Berkeley, CA, 2015
- Conducted full preservation assessment of moving image items, including item-level inspection
- Researched collection to locate materials related to California history and Japanese internment

Processing and QC Assistant, California Audiovisual Preservation Project
Berkeley, CA, 2015
- Managed metadata for incoming items, uploaded files and metadata to Internet Archive, and published records to WorldCat
- Performed quality control inspections on audio and video files returned from vendor

Archives Assistant, Anthology Film Archives
New York, NY 2015
- Inspected, repaired, and created catalog records for films in the Jud Yalkut collection
- Assisted with reorganization of Anthology research library

Application Programmer Analyst and Content Editor, Solutions for Progress
Philadelphia, PA, 2010 – 2014
- Developed software for The Benefit Bank web application, which helps clients apply for public benefit programs and file state and federal income taxes online
- Consulted other departments to ensure software met specifications

Selected Collection and Preservation Assessments

Assessment of Moving Image Items at the Bancroft Library
University of California, Berkeley, CA, September 2015

Assessment of the Shu Lea Cheang Collection
Fales Library and Special Collections, New York University, December 2014

"Digital Preservation" in Carnegie Hall Archives General Preservation Assessment
Carnegie Hall, New York, NY, December 2014

Selected Presentations, Workshops, and Panels

Assessing Digital Materials in Collections, Guest Lecture
Moving Image Archiving and Preservation Program, NYU, March 2019 and February 2018

Quality Control Procedures for Disk Images, Lightning Talk
iPres Conference, Boston, Massachusetts, September 2018

Archiving Computer-based Artworks, Presentation
American Institute of Conservation Conference, Houston, Texas, May 2018

Varied Approaches: Training in Time-based Media Conservation, Presentation
"It's About Time" Symposium, NYU Institute of Fine Arts and Courant Institute, May 2018

The Restoration of Brandon, Guest Lecture
Moving Image Archiving and Preservation Program, NYU, April 2018

Conserving Computer-based Art: Challenges and Methods, Presentation
Universidad de La República, Montevideo, Uruguay, March 2018

Documenting Doug Wheeler's PSAD Synthetic Desert III (1971/2017), Presentation
Conserving Computer-based Art event, Guggenheim Media Lab, December 2017

From the MIAP Lab to the Conservation Lab, Presentation
Careers and Col-LAB-orations in Moving Image Archiving & Preservation, NYU, October 2017

Digital Preservation Concepts and Principles, Presentation
Archives in Motion, Tirana, Albania, October 2016

Analog Video Digitization at Señal 3 La Victoria, Presentation
Biblioteca Nacional, Santiago, Chile, June 2016

Preservation Provocations for the 21st Century, Panel Moderation
Tenth Orphan Film Symposium, Culpeper, Virginia, April 2016

Indigenous Moving Images in Archives, Museums, and Libraries, Presentation
Cinema Studies Graduate Student Conference, New York University, March 2016

The Power of the Command Line and GitHub, Workshop
Media^Alps Conference, Beatenberg, Switzerland, January 2016

Preserving Malware in Archives, Libraries, and Museums, Poster
Association of Moving Image Archivists Conference, Portland, OR, November 2015

Mapping Intertextual Relationships in Media, Presentation
Extending Play: The Sequel, Rutgers University, New Brunswick, NJ, April 2015

Publications

Archiving Computer-based Artworks
The Electronic Media Review, Forthcoming

DVD/Blu-ray Review of Big_Sleep™
The Moving Image: Journal of the Association of Moving Image Archivists, Forthcoming

The Guggenheim Restores John F. Simon Jr.'s Early Web Artwork Unfolding Object
Guggenheim Checklist Blog, November 2018 (w. Joanna Phillips, Deena Engel, Karl Rosenberg)

Restoring Brandon, Shu Lea Cheang's Early Web Artwork
Guggenheim Checklist Blog, May 2017 (w. Joanna Phillips, Deena Engel, Emma Dickson)

Preserving Computer Viruses and Other Malware
Vassar Alumnae/i Quarterly, March 2017

Why Save a Computer Virus?
The Conversation, August 2016 (w. Howard Besser)

Skills and Proficiencies

Operating Systems

macOS	Linux	Microsoft Windows	MS-DOS

Software

TMS	Filemaker Pro	Git and Github	QCTools	MySQL
KryoFlux	Archive-It	Collective Access	BagIt	FTK Imager
BitCurator Suite	CONTENTdm	Final Cut Pro	Adobe CS	Webrecorder
FFmpeg	Sleuthkit	Arduino IDE	yED	Homebrew

Emulation and Virtualization Software

SheepShaver	DOSBox	MAME	VirtualBox	OpenEmu

Programming and Markup Languages

XML	Bash scripting	HTML/CSS	JavaScript	Perl

Languages

Intermediate-level Spanish	Beginning-level Hebrew

Professional Affiliations

American Institute of Conservation, Web Master of Electronic Media Group
Association of Moving Image Archivists, Member of Open Source Committee

Awards and Honors

Faculty Banner Bearer for Tisch Salute, 2016
Robert Sklar Memorial Scholarship, 2015
Association of Moving Image Archivists Universal Studios Scholarship, 2014