The Institute of Museum and Library Services
Program Background

- 10 Residents
- 10 Organizations
- 2 Weeks of Workshop
- 9 Months of Hands-on Training
- 2 Professional Conferences
...TO BUILD A DEDICATED COMMUNITY OF PROFESSIONALS WHO WILL ADVANCE OUR NATION’S CAPABILITIES IN MANAGING, PRESERVING AND MAKING ACCESSIBLE THE RECORD OF HUMAN ACHIEVEMENT HELD IN DIGITAL FORM.
NDSR will serve the American people by developing the next generation of stewards to collect, manage, preserve, and make accessible our nation’s digital assets.

- NDSR will help define clear educational standards for digital stewardship education and training

- NDSR has joined forces with prominent American institutions to provide residents with a combination of hands-on learning and expert guidance

- NDSR will create experts in the emerging field of digital stewardship who will be able to return to their communities nationwide and assist the Library of Congress in its goal to keep record of America’s creativity as expressed in digital form.

A Library of Congress survey found that 84% of institutions have digital content that must remain accessible for 10 years or more. NDSR will create the experts who will be responsible for this preservation.

The same survey found that only 33% of organizations have staff dedicated to digital preservation. This exemplifies the need for NDSR.
Finding the NDSR Hosts

- Association of Research Libraries
- Dumbarton Oaks
- Folger Shakespeare Library
- Library of Congress
- National Library of Medicine
- National Security Archive
- Public Broadcasting Service
- Smithsonian Institution Archives
- Maryland Institute for Technology in the Humanities
- World Bank Group
Selecting the Residents

- Julia Blase, U. Denver – NSA
- Heidi Dowding, Wayne State U. – Dumbarton Oaks
- Maureen Harlow, UNC – NLM
- Jaime McCurry, Long Island U. – Folger Shakespeare
- Margo Padilla, San Jose State U. – MITH
- Emily Reynolds, U. Michigan – World Bank
- Molly Schwartz, U. Maryland – ARL
- Erica Titkemeyer, NYU – Smithsonian Archives
- Lauren Work, U. Washington - PBS
2013-2014 NDSR Projects

- Management and Preservation of Digital Assets at Dumbarton Oaks
- Born-Digital Preservation at the Folger Shakespeare Library
- Taking Action to Mitigate Format Obsolescence (Library of Congress)
- Developing a Thematic Web Archive Collection (National Library of Medicine)
- The Digital Dissemination Challenge (National Security Archive)
- Broadcast Media Archive: Appraisal and Evaluation of At-Risk Media to Support Digitization Initiative (Public Broadcasting Service)
- Time-Based Media Art: Specialized Requirements for
ANALYSIS OF THE INITIAL PROGRAM

- Positive Impact of the Program
- Challenges During the Program
- Impact / Lessons Learned
- Next Steps
- Takeaways
Positive Impact of the Program

According to Residents Surveyed

- 100% reported that the program increased knowledge and skills in digital stewardship
- 100% stated that the program strengthened their professional networks
- 100% of resident respondents stated that they feel the program made them more competitive in the job market
- 100% of residents state they would recommend the program to a friend
- 90% of residents are either employed or in other fellowship/graduate programs.
POSITIVE IMPACT OF THE PROGRAM

ACCORDING TO HOSTS SURVEYED

- 100% OF HOST RESPONDENTS SAID THEIR RESIDENT WAS VERY TO EXTREMELY WELL-INFORMED ABOUT THE ORGANIZATION AND READY TO WORK.

- 73% OF HOSTS SAID THE RESIDENTS’ PROJECT RESULTS WILL DEFINITELY BE USED TO IMPROVE THE WAY THEIR ORGANIZATION CONDUCTS...
Positive Impact of the Program

According to Hosts Surveyed

• 100% of hosts stated that the resident’s project at least moderately increased their organization’s capacity for digital stewardship.

• 90% of hosts say they would recommend their organization participate in the program again.
FUNDING MODEL CHALLENGES

- Paying Residents
- Creating the resident contract
- Understanding Federally appropriated funding
Program Management Challenges

• Lack of Program Staff
• Improve Logistical and Planning Efforts
• Improve Regular and Clear Communication
• Communication Channel Issues
• Host Engagement
Challenges During the Program

Host / Mentor Challenges

- Mentor Skills and Abilities
- Organizational Buy-In
- Programmatic Challenges for Bringing on a Resident
Challenges During the Program

Resident Challenges

- Being treated like interns
- Logistical Program Matters
- Compensation
- Frustration with bureaucracy
- Communication
Other Challenges

- Enrichment Sessions, Other Required Meetings
- Government Shutdown
- Creating Consistency Among NDSR Programs
Lessons Learned

- Be more prepared
- Be consistent with NDSR programs
- Foster growth through collaboration
NDSR Next Steps

• Complete the formal program assessment

• Design and implement a project plan for the next residency

• Extensive collaboration with New York and Boston

• Curriculum update

• NDSR Washington, D.C. in 2015
NDSR TAKEAWAYS

“I AM QUITE CONFIDENT THAT THE PROGRESS ACHIEVED OVER THE PAST 9 MONTHS COULD NOT HAVE BEEN MATCHED HAD OUR RESIDENT NOT JOINED OUR TEAM.”

“THE RESIDENT’S WORK HAS IMPROVED THE WAY THE AGENCY PRESERVES ONE OF-A-KIND BORN DIGITAL CULTURAL OBJECTS AND RECORDS.”

“THE NATIONAL DIGITAL STEWARDSHIP RESIDENCY AFFORDED THE OPPORTUNITY TO ADDRESS THIS LEADING EDGE OF DIGITAL STEWARDSHIP IN A MANNER THAT WOULD SIMULTANEOUSLY CONTRIBUTE TO THE OVERALL ADVANCEMENT OF THE PROFESSION.”
NDSR
BOSTON

Digital Presentation 2014
Nancy McGovern, MIT Libraries
Andrea Goethals, Harvard Library
Replicating & Testing the Model

IMLS-funded grants to test model in New York (METRO) and Boston areas (Harvard / MIT)
Replicating What Exactly?

- Resident cohort model
- Resident eligibility and application requirements
- Single institution administrating residency
- Distributed hosts within the same metropolitan area
- Residency structure
- Core curriculum
Boston Model Expansions

• Extended curriculum
• More host involvement
• Preservation-specific focus for resident video & host projects
• Additional roles for instructors and community
Boston Hosts 2014-15
# Boston Residents

<table>
<thead>
<tr>
<th># of Residents</th>
<th>State</th>
<th>School</th>
<th>Degree</th>
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<tr>
<td>2</td>
<td>MA</td>
<td>Simmons</td>
<td>MS LIS</td>
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<tr>
<td>2</td>
<td>NY</td>
<td>NYU</td>
<td>MA MIAP</td>
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<tr>
<td>1</td>
<td>CO</td>
<td>DU</td>
<td>MLIS</td>
</tr>
</tbody>
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Jen LaBarbera  
Northeastern  
Joey Heinen  
Harvard  
Tricia Patterson  
MIT  
Rebecca Fraimow  
WGBH  
Samantha DeWitt  
Tufts
Boston Host Projects 2014-15

- Format Migration Plans & Framework (Harvard Library)
- Making Music Last (MIT Libraries)
- Channeling Streams of Archival Records (Northeastern University Archives and Special Collections)
- Institutional Knowledge of Research Data (Tufts University)
- Digital Media Preservation (WGBH)
Resident Applicants - State

- MA
- NY
- PA
- IN
- NJ
- AL
- WA
- MI
- DE
- CA
- CO
- IL
- VT
- LA

INSTITUTE of Museum and Library SERVICES
NDSR Boston
Boston Applicants - School

- Simmons
- NYU
- IU
- Rutgers
- UA
- UW
- UMich
- UDel
- UCLA
- Pitt
- DU
- UI
- LSU
- Pratt
- Drexel
Boston Applicants - Degrees

- MS LIS: 10
- MLIS: 9
- MA MIAP: 3
- MLS: 2
- MSI LIS: 1
- MA Other: 1
Residents: Curriculum

- Immersive week to provide a landscape view of digital stewardship
- Scheduled events that build on pre-existing community events whenever possible
- Group activities that extend experiences and build community
- Individual residency requirements tailored to projects, skills, and interests
Instructors

• Involve instructors and presenters from:
  – host institutions
  – local institutions
  – pre-existing webinars and events
  – residents: discussing progress on projects

• Instructor workshop
  – Train-the-trainer for novice instructors
  – Coordination with interested instructors / presenters
Residents: Immersive Week

• Launches the residencies
• Morning instruction
  – DPOE*: Identify, Select, Store, Protect, Manage, Provide
  – Interactive with examples pertaining to projects
• Afternoon demonstration and hands-on
  – Identify relevant tools for projects
  – Review workflow scenarios and practical examples
• Discussion and review
• Note: participation by hosts, trainee instructors

*DPOE = Digital Preservation Outreach and Education
Residency Events

• Scheduled curriculum events
  – In-person presentations, demonstrations, etc.
  – On-line activities, e.g. webinars plus discussion

• Group activities
  – Events at host institutions
  – Participation in regional events
  – Tours, visits and networking
  – Collaborate on organizing events

• Capstone event
National Digital Stewardship Residency
Boston, Massachusetts

The 2014/15 Boston Residents have been named and placed with their host institutions! We are looking forward to the beginning of NDSR Boston's first cohort in September 2014.

NDSR Boston has selected the five host institutions for the 2014-2015 set of residency projects. The host institutions will be the Harvard Library, MIT Libraries, Northeastern University Archives and Special Collections, Tufts University and WGBH.
Acknowledgements

• Kristen Confalone, Project Manager, Harvard Library
• Nancy McGovern, Curriculum Coordinator, MIT Libraries
• Andrea Goethals, Project Director, Harvard Library
• Project Advisory Board
  – Karen Cariani, WGBH
  – Michele Cloonan, Simmons
  – Michele Kimpton, DuraSpace
  – Elaine Martin, UMass Medical
  – Megan Sniffin-Marinoff, Harvard University Archives
• Boston Hosts & Mentors
• IMLS
• Library of Congress
• NDSR NYC Team at METRO
Thank You!

Questions or Comments?

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Metropolitan New York Library Council (METRO)
Digital Preservation 2014
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HOST INSTITUTIONS

- 21 host applications received
- Project proposals spanned digital curation lifecycle
- Applications from libraries, museums, universities, non-profits, and more
- Applicants given thorough feedback
HOST INSTITUTIONS

- American Museum of Natural History
- Carnegie Hall
- MoMA - The Museum of Modern Art
- NYARC - New York Art Resources Consortium
- New York University Libraries
HOST INSTITUTIONS

- **AMNH**: To obtain an overview of digital assets related to science
- **Carnegie Hall**: Create and implement best practices for born-digital asset management
- **MoMA**: Use DR to test media conservation workflows
- **NYARC**: Develop policies to support web archive collection
- **NYU Libraries**: Plan and develop infrastructure for access to born-digital collections
RESIDENTS—STATE

NEW YORK—49%

EAST COAST—29%

WEST COAST—15%
RESIDENTS—2014-15
COHORT

- Karl-Rainer Blumenthal, MLIS, Drexel University
  *Host*—New York Art Resources Consortium

- Peggy Griesinger, MLS, Indiana University
  *Host*—Museum of Modern Art

- Julia Kim, MA, New York University
  *Host*—New York University Libraries
RESIDENTS—2014-15 COHORT

- Shira Peltzman, MA, New York University
  *Host—Carnegie Hall*

- Victoria Steeves, MLIS, Simmons College
  *Host—American Museum of Natural History*
RESIDENTS—TRAINING

- Digital stewardship immersion
  - Tailored to projects
  - Lecture and discussion, tools-based learning
- Instruction sessions throughout residency
- Experienced instructors
  - Host institutions
  - Local graduate programs and cultural heritage organizations
RESIDENTS—TRAINING

- METRO workshops and webinars
  - Various topics covered
  - Opportunity to network

- Access to lynda.com
  - Online courses and video tutorials
RESIDENTS—EVENTS

- Tours, seminars, social activities
- Professional development stipend
- Residents to plan sessions at host institutions
- Monthly resident meetings
RESIDENTS—SOCIAL MEDIA

- Collaboratively create and manage NDSR-NY blog
  - Project reports and announcements
  - Conference coverage, stories of interest, etc.

- Residents will write for other relevant platforms
  - Blogs, newsletters, journals
  - Content for host institution platforms
NDSR-NY ACTIVITY

- Site visits with each host institution
  - Meet face-to-face and tour facility
  - Establish expectations and answer questions

- Evaluation
  - Gather information throughout residency
  - Meet regularly with mentors and residents
http://ndsr.nycdigital.org/

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Shira Peltzman  
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Vicky Steeves  
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9 Months as an ndsr Resident
... in 9 Minutes

MAUREEN McCORMICK HARLOW
JAIME MCCURRY
AGENDA

1. Immersion Workshop
2. Project Planning
3. Conferences
4. Outreach
5. Enrichment Sessions
6. Social Media and Marketing
7. Symposium
8. Graduation
9. Conclusion
Residents in their natural habitat: a conference room, taking a break from digital preservation by creating new digital content.
PROJECT PLANNING

- Project Outline
- Milestones
- Assessment Metrics
- Project Deliverables
- Resident-Mentor Communication
- Progress Meetings
- Midterm or Quarterly Reports to Mentor
- Bi-Weekly Reports to NDSR Program Managers
- Final Reports to Host Institutions
- Final Reports to NDSR Program Managers
MANDATORY CONFERENCE ATTENDANCE AND PRESENTATIONS

ALA Mid-Winter Conference
Philadelphia, PA

IMLS WebWise Conference
Baltimore, MD
NON-MANDATORY CONFERENCE ATTENDANCE AND PRESENTATIONS
OUTREACH

The Collation
Folger Shakespeare Library

Circulating Now
National Library of Medicine

The Bigger Picture
Smithsonian Institute Archives

UNREDACTED
The National Security Archive

IFCA Blog
Dumbarton Oaks

DLF Blog
Digital Library Federation

Archive-It Blog
Archive-It/Internet Archive

The Signal
Library of Congress

Digital Dialogues
MITH

Online Digital Preservation Workshop
Dumbarton Oaks
OFF-CAMPUS ENRICHMENT

Culpeper Field Trip
March 21, 2014

All photos courtesy of
Emily Reynolds
EMERGING TRENDS IN DIGITAL STEWARDSHIP SYMPOSIUM

April 8, 2014 at the National Library of Medicine

Leslie Johnston, formerly of Library of Congress, discusses the challenges of archiving Twitter.
Photo by Sue Manus, Library of Congress, via The Signal blog.

The residents after the program.
Photo by Jeff Reznick, NLM, via Circulating Now blog.

A sample of digital and analog materials commonly found in collections.
Photo courtesy of Matt Kirschenbaum, MITH, via Circulating Now blog.
GRADUATION

Photo Credit: Amanda Reynolds via The Signal Blog

Photo Credit: Margo Padilla via Twitter
CONCLUSION

Photo by Ali Fazal
THANK YOU!

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NDSR MENTOR EXPERIENCE AT PBS
Mentor Preparation

• Plan well in advance and build in risks
• Allocate resources to include staff time
• Set realistic project outcomes
• Know goals for organization & resident
• Commitment and benefits are equally shared
• Community build with other mentors
Finally...

• Remain flexible: expect the unexpected
• Enjoy the partnership opportunity

Vickie Allen
Director, Media Library
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Digital Preservation 2014: Panel Discussion

Vickie Allen, PBS
George Coulbourne, Library of Congress
Andrea Goethals, Harvard Library
Maureen McCormick Harlow, PBS
Jaime McCurry, Hillwood Estate, Museum & Gardens
Nancy McGovern, MIT Libraries
Kristopher Nelson, Library of Congress
Margo Padilla, Metropolitan New York Library Council

Questions?

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