

Microfilm in the 21st Century



INTRODUCTION

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Product Manager

JOAN CORKRAN
Project Manager

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Project Manager

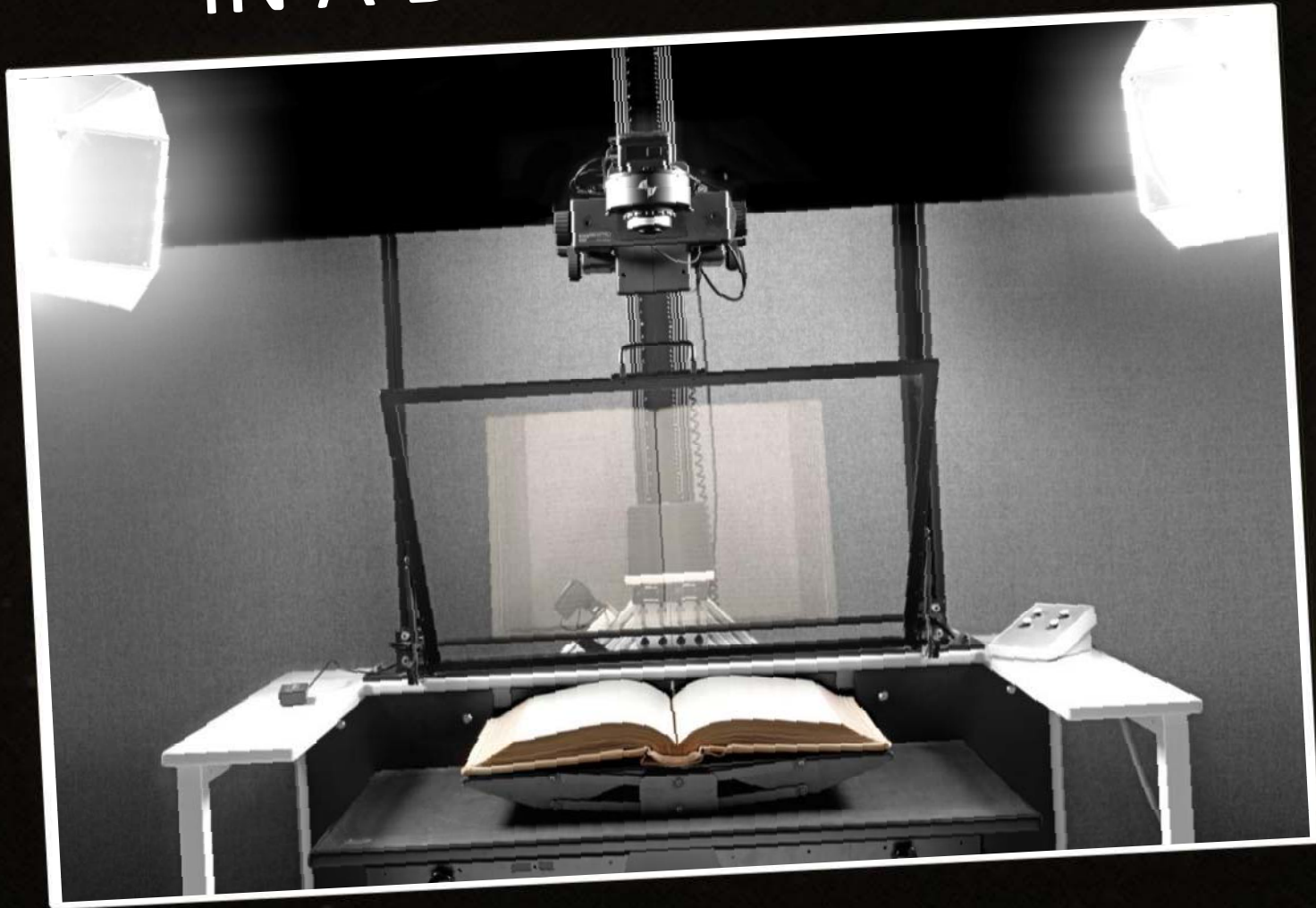
BRIAN MOHREY
Darkroom Coordinator



OVERVIEW

- Microfilm in a digital world
- History of preservation microfilm
- Your microfilm project
- Myths and misconceptions
- The art and science of microfilm
- Fun facts

IN A DIGITAL WORLD



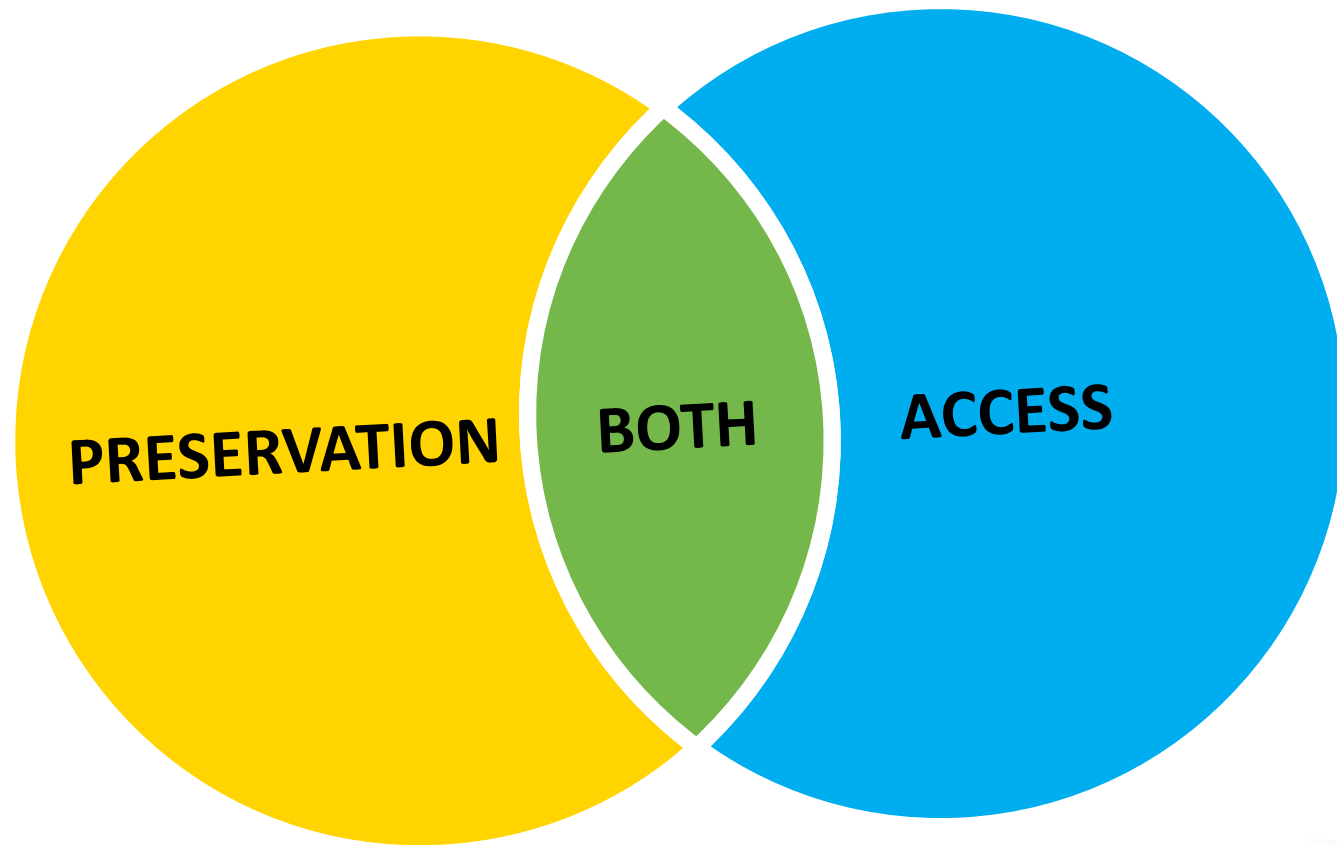
PRESERVATION



PRESERVATION

	DIGITAL	MICROFILM
LIFESPAN	Relies on continued funding	500 years
MAINTENANCE	Fixity checks, backup copies, migration	A cool, dry place
RETRIEVAL	Hardware, software, network	A light and a lens

TO DIGITIZE OR TO MICROFILM?



QUESTIONS?

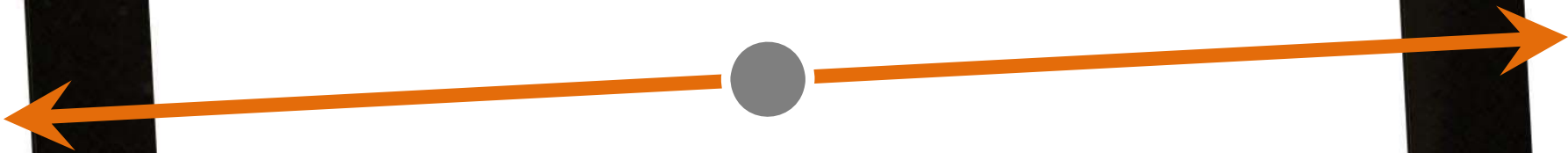


A HISTORY OF PRESERVATION



A HISTORY OF PRESERVATION

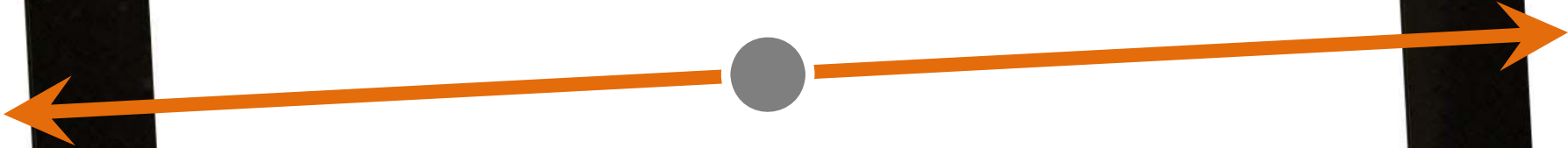
**CHEAP WOOD PULP
PAPER INTRODUCED,
QUICKLY REPLACING
COTTON RAG PAPER
FOR MANY USES**

A horizontal orange arrow pointing from left to right, with a grey circular dot in the center.

1850s

A HISTORY OF PRESERVATION

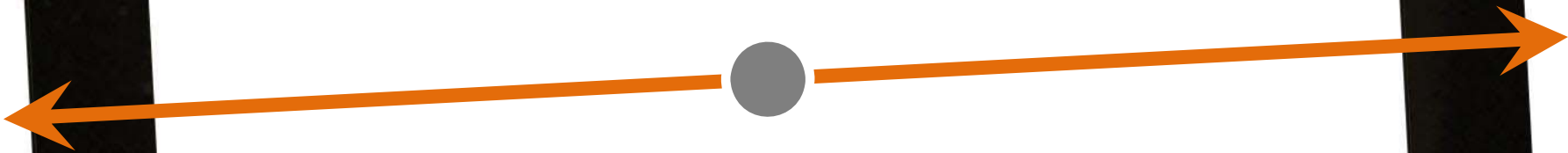
**MICROFILM HITS MARKET;
KODAK INTRODUCES
MICROFILM CAMERA;
LEADING LIBRARIES ADOPT
THE NEW TECHNOLOGY**

A horizontal orange arrow with a grey circular dot in the center, pointing both left and right.

1920s

A HISTORY OF PRESERVATION

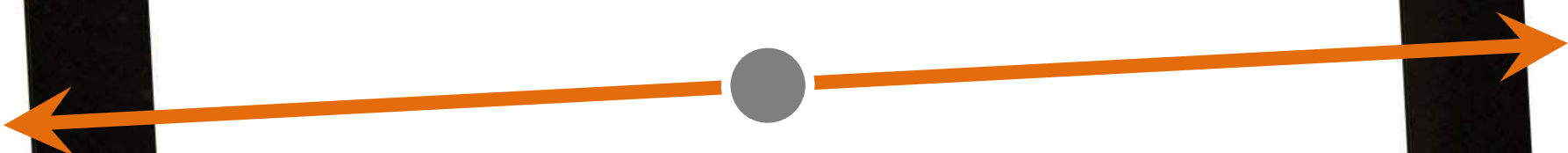
**STANDARDS BEGIN
TO BE ESTABLISHED;
LIBRARY OF CONGRESS
ISSUES GUIDELINES FOR
THE LIBRARY WORLD**

A horizontal orange arrow with a grey circular dot in the center, pointing both left and right.

1930s – 1970s

A HISTORY OF PRESERVATION

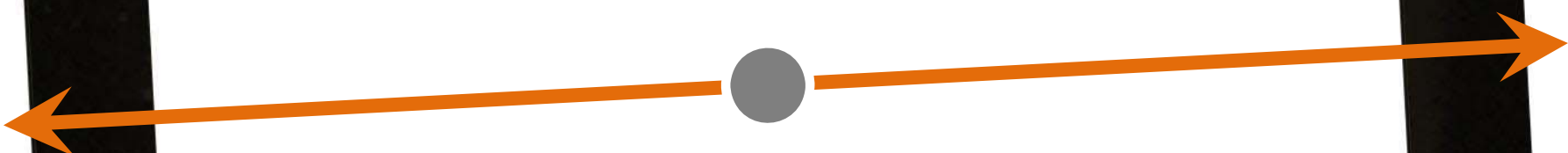
**RLG ISSUES
COMPREHENSIVE STANDARDS
FOR PRESERVATION
MICROFILM**



1983

A HISTORY OF PRESERVATION

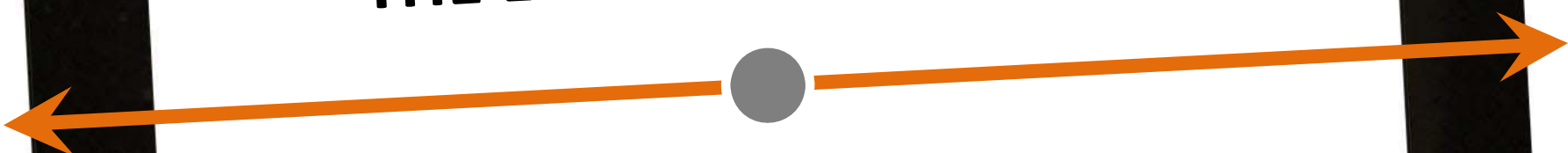
**MID-ATLANTIC
PRESERVATION SERVICE
(MAPS)
ESTABLISHED**



1985

A HISTORY OF PRESERVATION

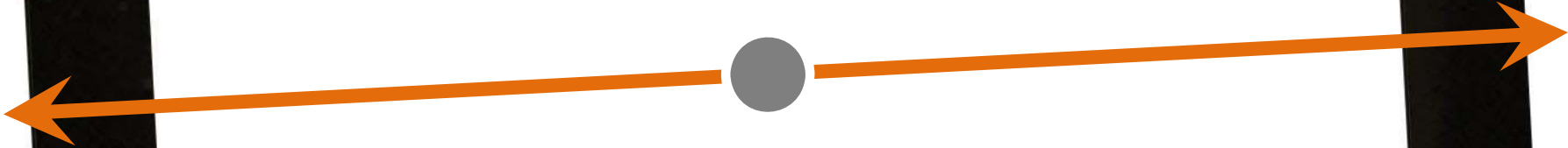
**MAPS BEGINS
PRODUCING MICROFILM
TAILORED TO THE
PRESERVATION NEEDS OF
THE LIBRARY COMMUNITY**



1986

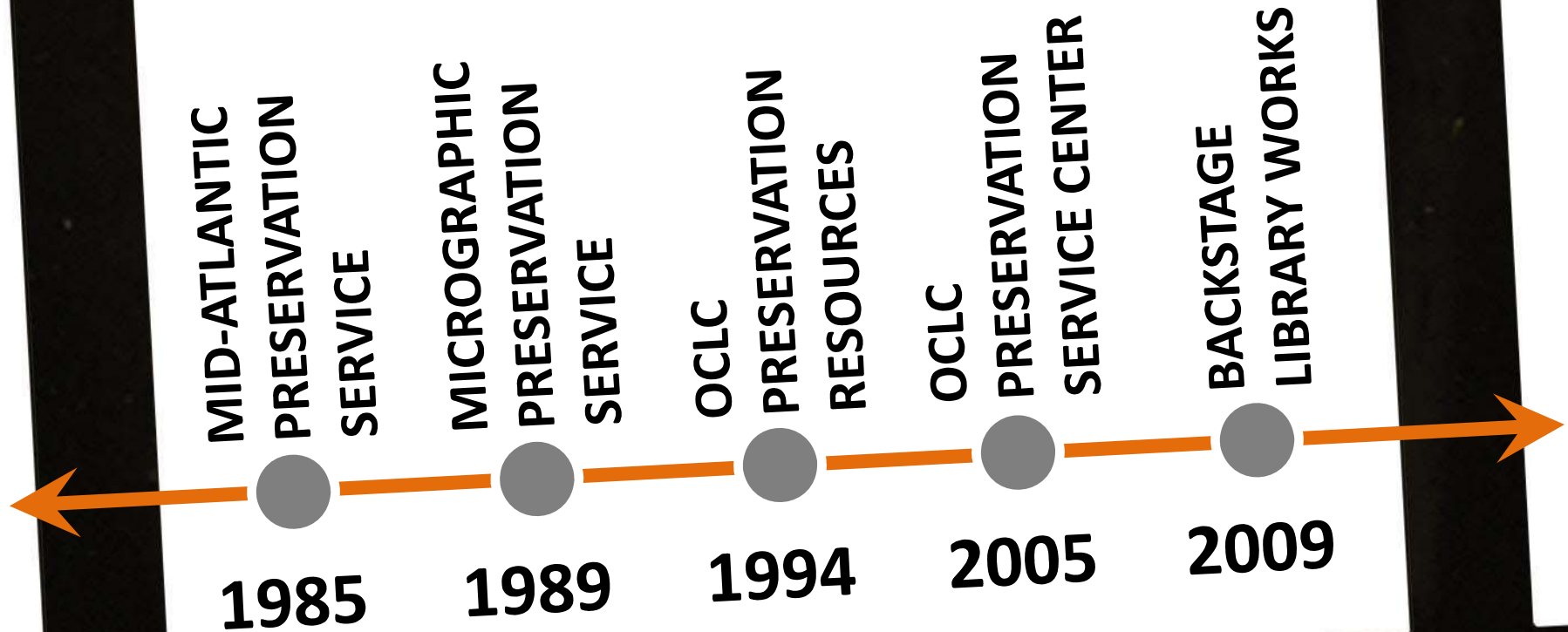
A HISTORY OF PRESERVATION

**NEW
MAPS PRESERVATION CENTER
OPENS IN
BETHLEHEM, PENNSYLVANIA**

A thick orange arrow pointing from left to right, with a grey circular dot in the center.

1990

A HISTORY OF PRESERVATION



QUESTIONS?



YOUR MICROFILM PROJECT

**How can I know
my microfilm
will be up to
standards?**

MICROFILM STANDARDS

National and International Standards



MICROFILM STANDARDS

RLG Guidelines



RESEARCH
LIBRARIES
GROUP



MICROFILM STANDARDS

Requirements of Federal and State Programs and Granting Agencies



INSTITUTE of
Museum and Library
SERVICES



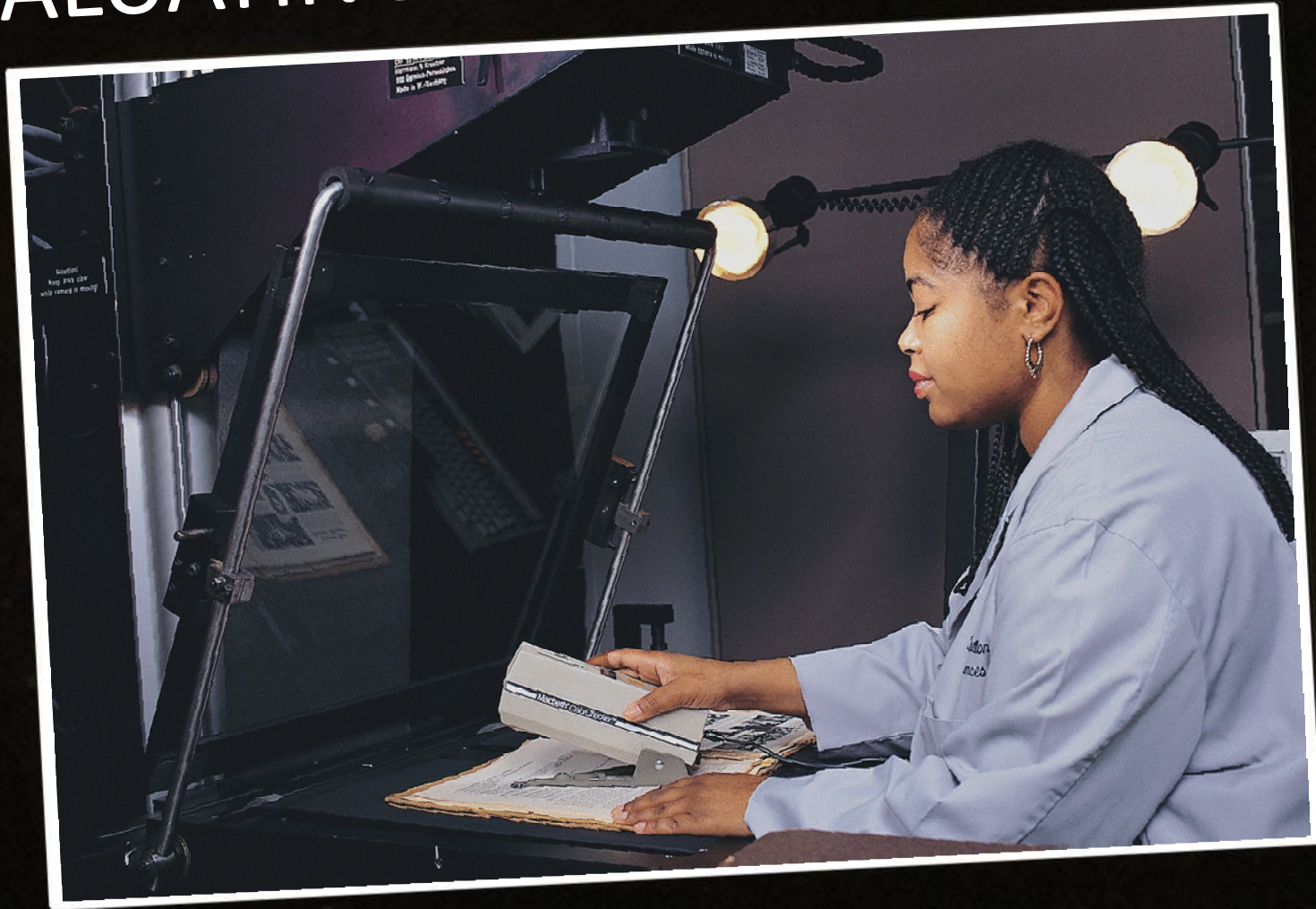
**Council on
Library and
Information
Resources**



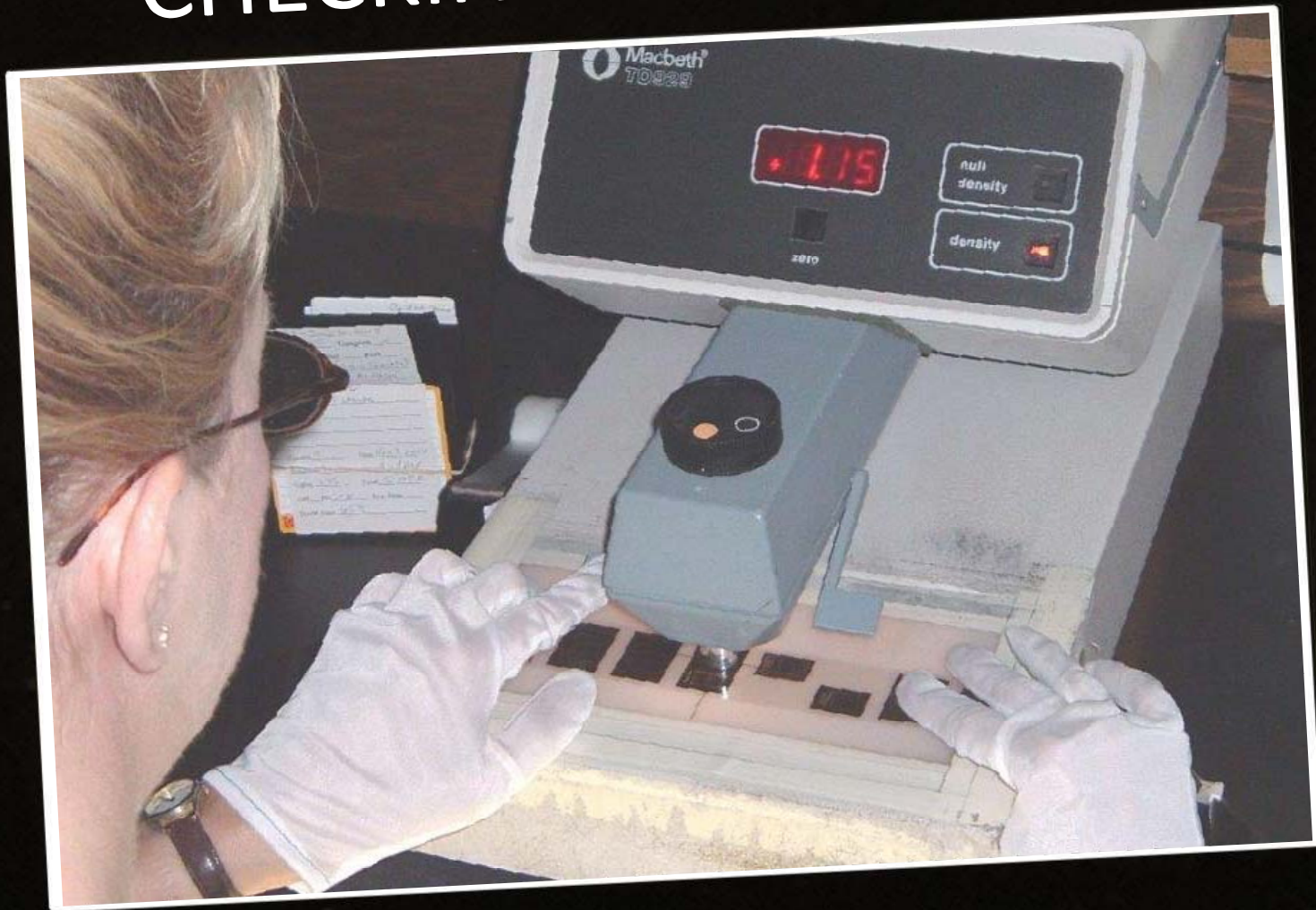
NATIONAL ENDOWMENT FOR THE
Humanities



EVALUATING A MICROFILM VENDOR



CHECKING YOUR WORK



CHECKING YOUR WORK



EVERYTHING IN ITS PLACE



QUESTIONS?



MYTHS AND MISCONCEPTIONS



MYTH #1: THE END OF FILM



A Death in the Family

MYTH #2: DEAD TECHNOLOGY



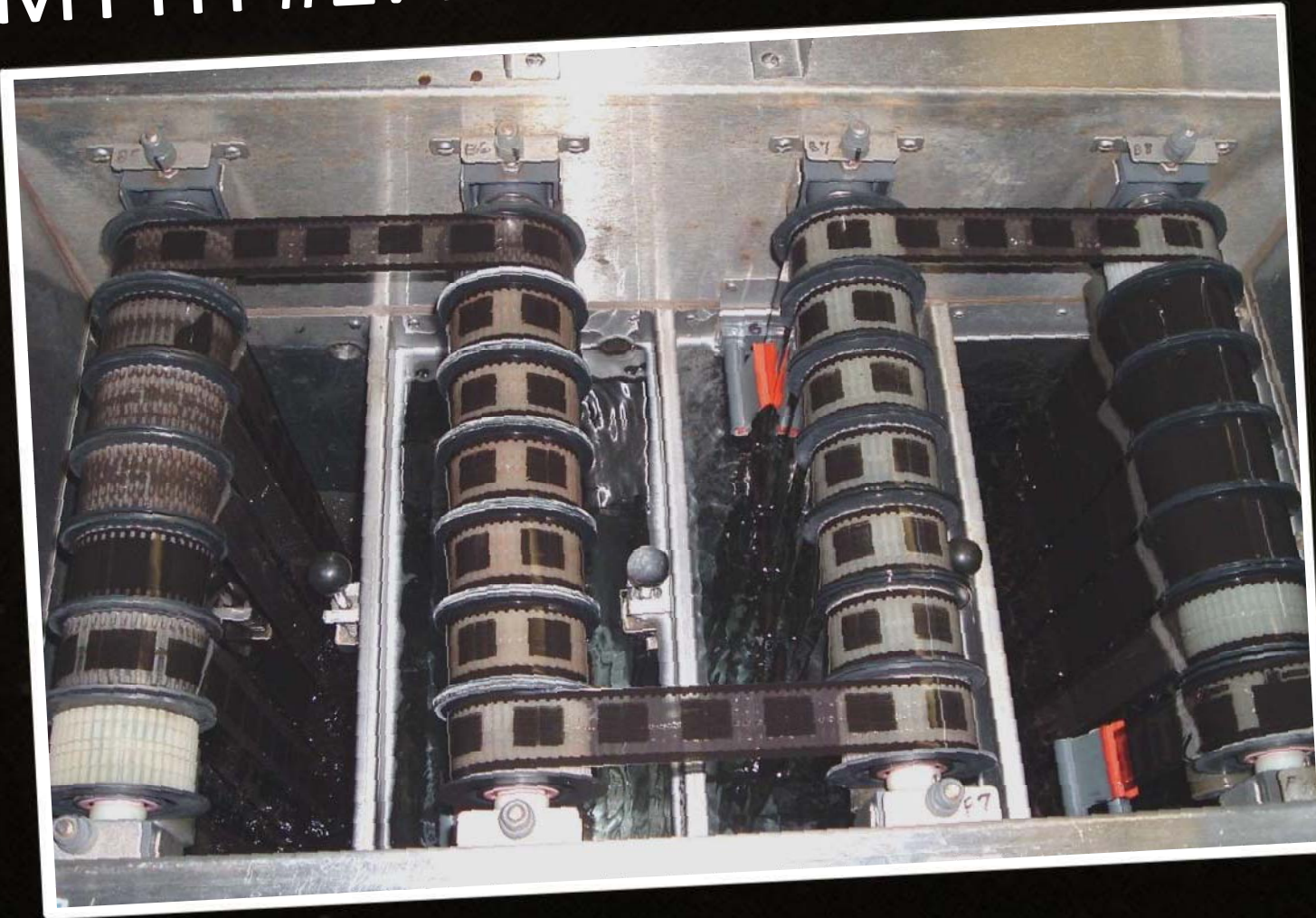
Microfilm Readers and Scanners

MYTH #2: DEAD TECHNOLOGY



Computer Output Microfilm (COM)

MYTH #2: DEAD TECHNOLOGY



Polysulfide Treatment

MYTH #3: LIBRARIES ARE DONE

Libraries are still microfilming:

- Newspapers
- Manuscripts, scrapbooks
- Court records
- Birth and death records
- Fragile materials, brittle paper, odd-sized formats
- Black and white materials
- Legal records

The Star of Bethlehem

Mr. Frank Gilbert, in his Historical and Actual, as Professor Goumier as the "Star of Bethlehem" more seen in "Clenpa" will be accompanied by the sun and moon. The appearance every 3 appear in brilliancy exceed in brilliancy of the sun and b er to the sun and b vels brilliancy of vels brilliancy of vels in 1887 will hen" in 1887 will previous visitations by noonday, shining light the earth will gradually disappear. The star first at heavens until 220 was then called modern astronom new star, howe which shone s the star that the nativity o

A lady * age, gave o party one her daugh "How Mary "Ah! that. "Yes, than sh quiet v

QUESTIONS?

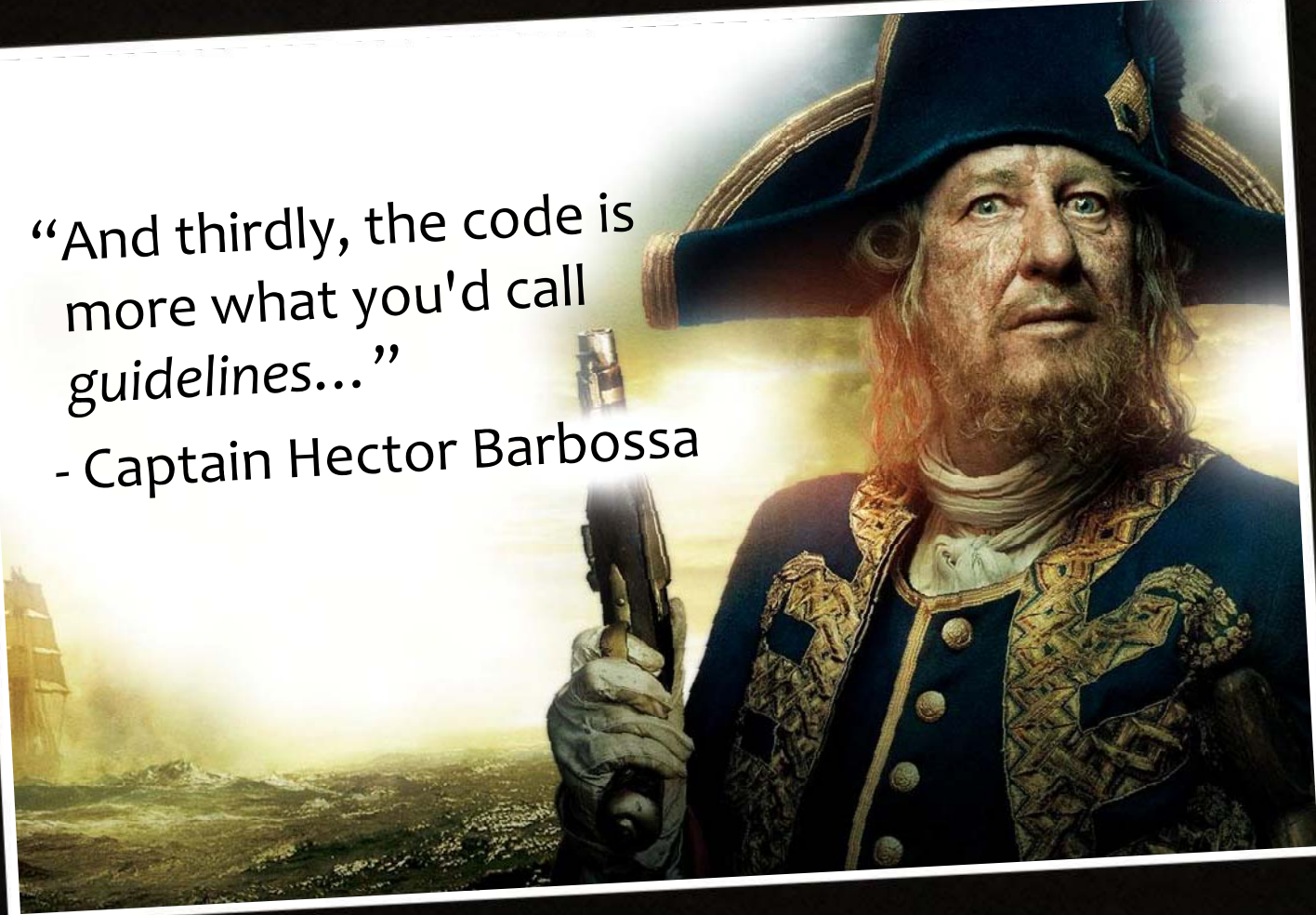


ART AND SCIENCE

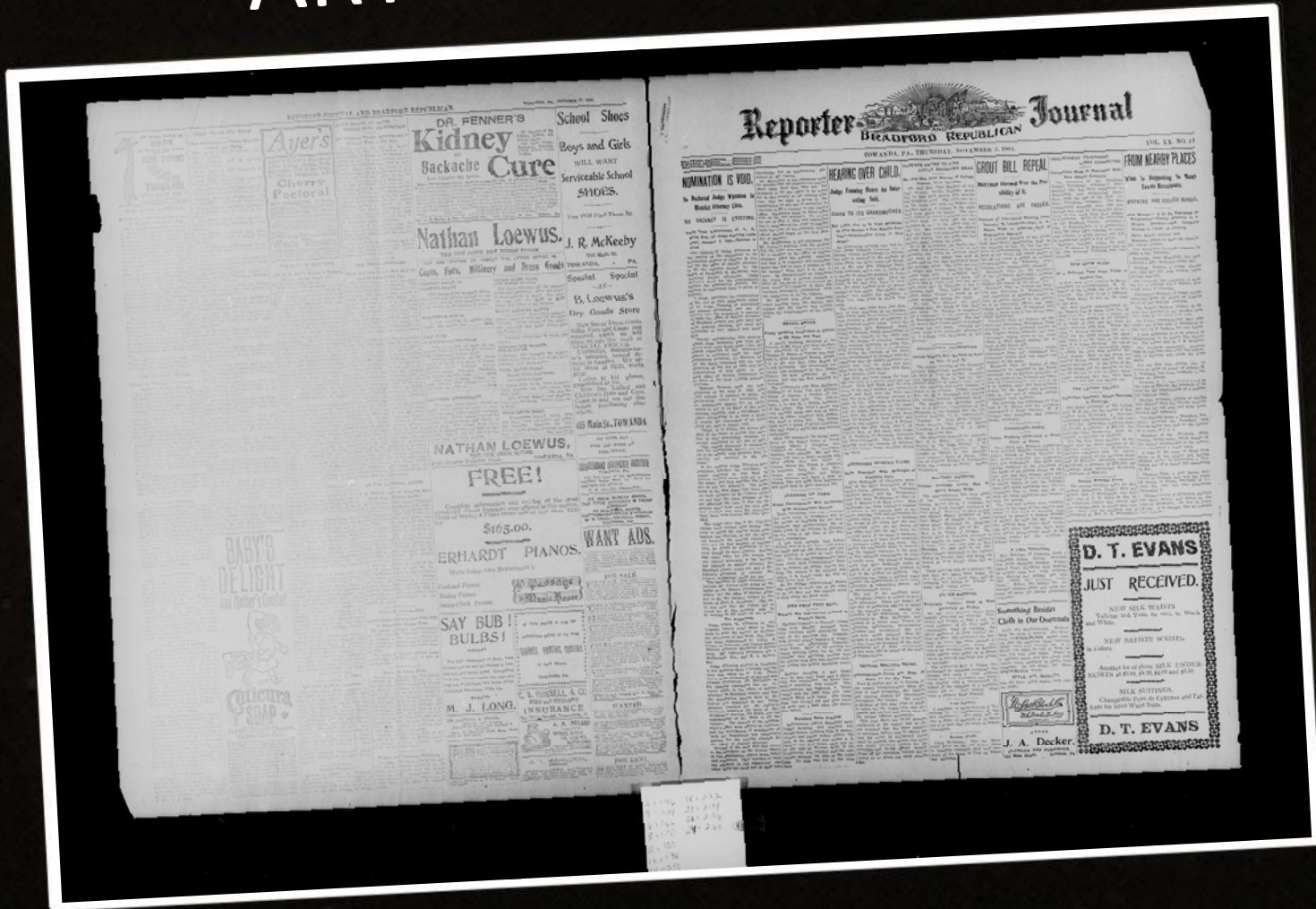


ART AND SCIENCE

“And thirdly, the code is more what you'd call guidelines...”
- Captain Hector Barbossa

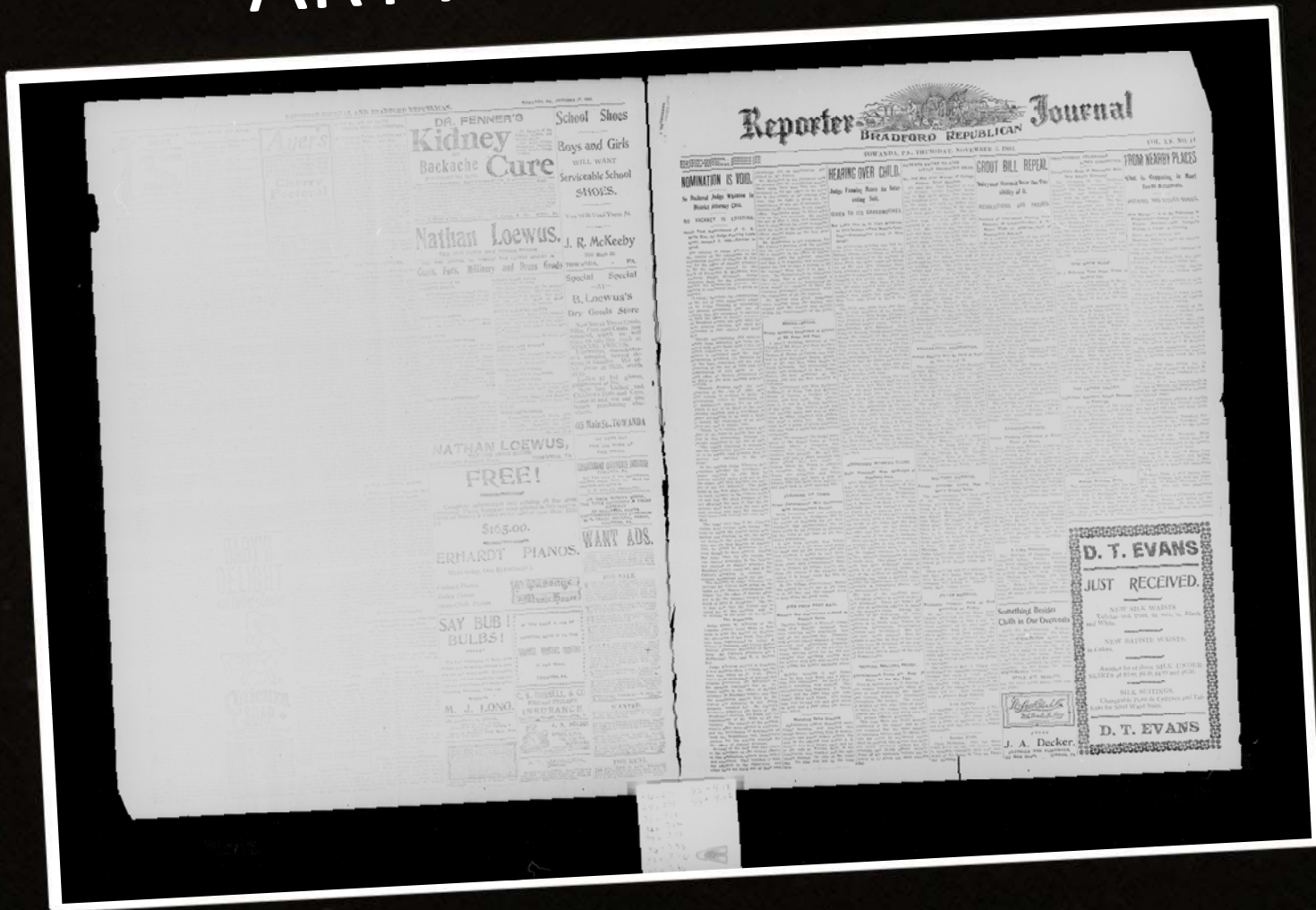


ART AND SCIENCE



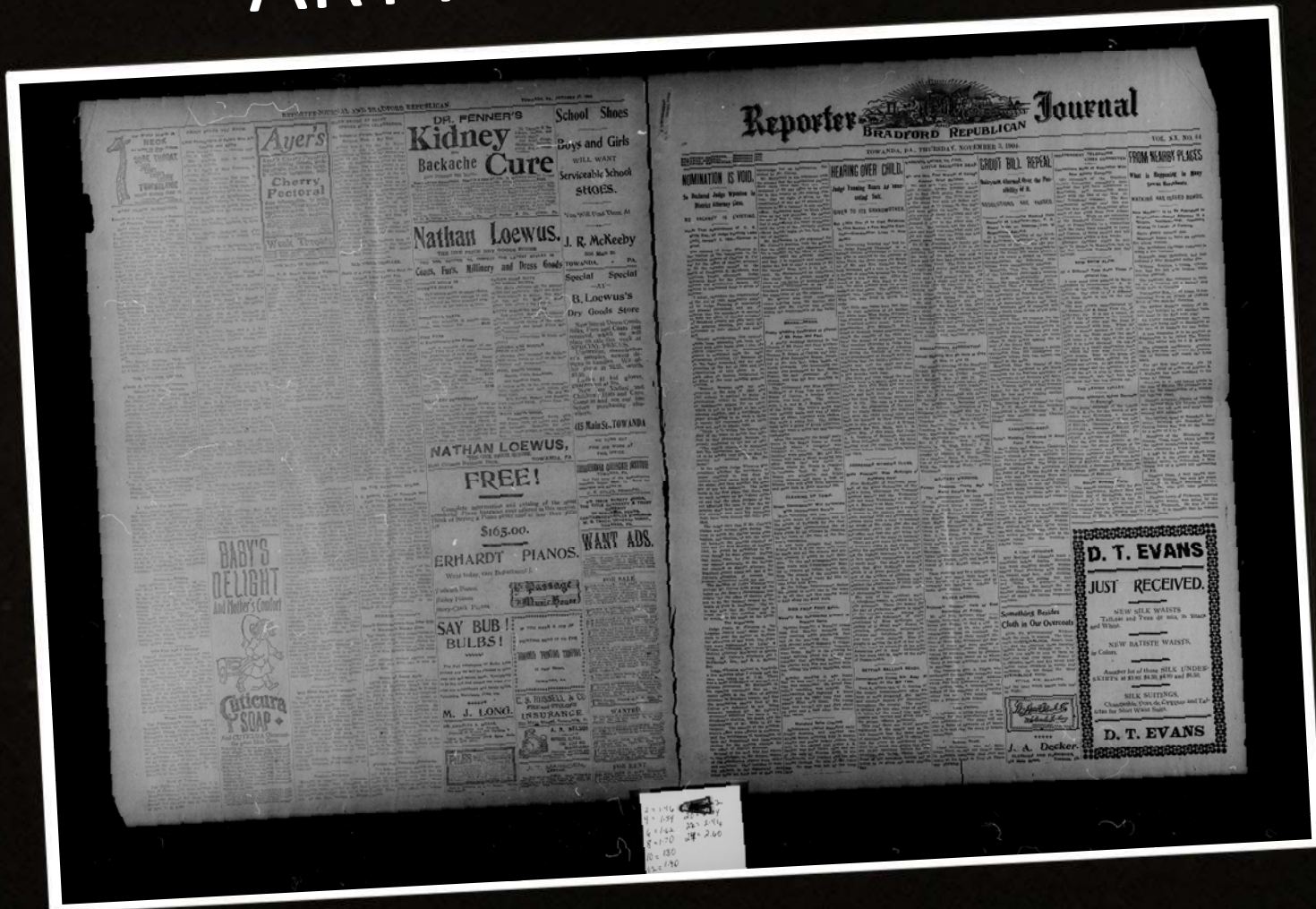
Using RLG Guidelines, Left Page is Overexposed

ART AND SCIENCE



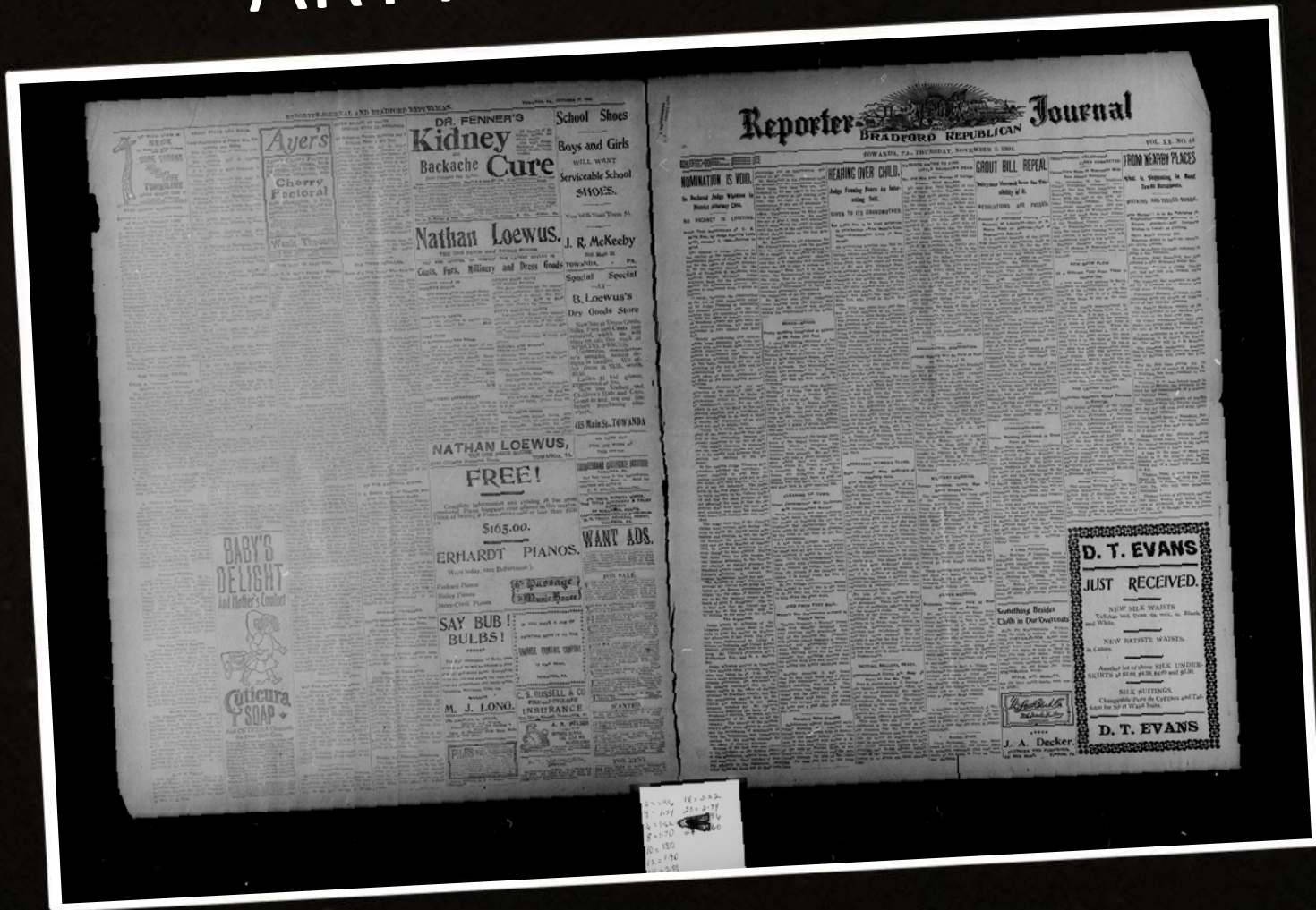
Higher Exposure

ART AND SCIENCE



Lower Exposure

ART AND SCIENCE



Exposure Optimized

ART AND SCIENCE



FUN FACTS

"... it is my hope that it is possible to build up an American public opinion in favor of what might be called the only form of insurance that will stand the test of time. I am referring to duplication of records by modern processes like microfilm so that if in any part of the country original archives are destroyed a record of them will exist in some other place."

Franklin D. Roosevelt,
February 13, 1942



LOCKSS Theory in a Pre-Digital World

FUN FACTS

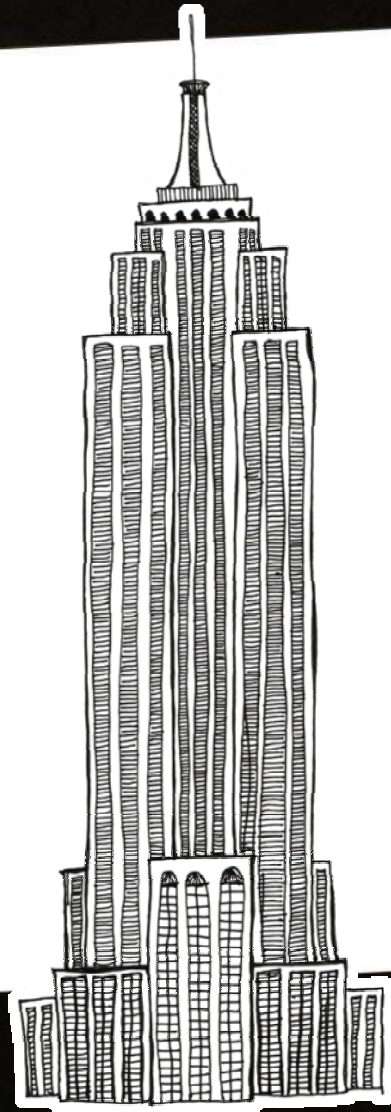
Over a 5-year project:

417,335 issues

17,562,203 pages

3,484 linear feet

FUN FACTS



FUN FACTS

**1 cubic foot =
44 reels of microfilm**

FUN FACTS

**1 cubic foot =
1.36 linear feet of
tabloid newspapers
or
38 lbs.**

FUN FACTS

**4,807 cubic feet
or 91 tons
of newsprint
converted to...**

FUN FACTS

**249 cubic feet
of microfilm**

95% less space

PRESERVATION MICROFILM

*"Sometimes forgotten,
but never gone."*

QUESTIONS?



CONTACT INFO

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jkonrath@bslw.com

Backstage Library Works

Provo, Utah & Bethlehem, Pennsylvania

[1.800.288.1265](tel:1.800.288.1265)

www.bslw.com