Moving Image Preservation 101

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Audio. Video. Disco.

- Wavelengths
  - Sound
  - Light

- Recording wavelengths
  - *Analog signal*: analogous to the original
  - *Digital signal*: 1’s and 0’s

- Recording onto…
  - Physical
  - Born-digital
Film: Small Gauges

http://www.cinefilmfactory.co.uk/
16mm

- 1923 (Magnetic stripe: 1973)

www.filmtransferexperts.com
8mm

- 1935

www.homemovedepot.com
S-8mm

- 1965 (Magnetic stripe: 1973)

www.movies-2-dvd.com
Poll # 2

Hosted by ALCTS, Association for Library Collections and Technical Services
Nitrate

Photo: George Eastman House

Hosted by ALCTS, Association for Library Collections and Technical Services
Vinegar syndrome
Mold

Photo: AZ Digital Transfers

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Color Film

Photo: filmforever.org
Poor Housing
Preservation Re-housing
Poor Storage
Preservation Re-housing…

- **Film**
- **Flat**
Film Best Practices

• Keep the originals!
• Find an experienced projectionist, otherwise don’t project
½ inch Open Reel Video

Photo: Indiana University - Bloomington

Photo: Sony.net
\[\text{\(\frac{3}{4}\) inch U-Matic (SP)}\]
Betamax

Photo: Simplydv.biz

Photo: Ibenimagaes.com
VHS

Photo: Photos-public-domain.com

Photo: Themovethemove.wordpress.com
Video8


Photo: Ebay
Hi8

Photo: Amazon.com

Photo: Ebay

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MiniDV

Photo: dvdyourmemories.com

Photo: Bladeforums.com
Mold

Photo: Video Recovery & Restoration
Sticky Shed Syndrome

Photo: www.thegreatbear.net
Video Best Practices

- Digitize!
  - Problems = obsolescence + degradation (degralescence)
- Digital Preservation!
- Store Vertically for Video

Photo: www.governmentnews.com
Born-Digital

Photo: www.shutterstock.com
Poll # 4
Further Thoughts

• Labels
  • Write down what the labels say!

• Video accompaniments
  • Video or audio oral histories of subjects
Further Resources

- April 30 Preservation Week Webinar
  - “Digital Preservation for Individuals and Small Groups”
- Personal Digital Archiving
  - [http://digitalpreservation.gov/personalarchiving/](http://digitalpreservation.gov/personalarchiving/)
- The Center for Home Movies
  - [http://www.centerforhomemovies.org/](http://www.centerforhomemovies.org/)
Thank you!

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