CUL-IT	eCommons – (4526 or 22105 items?)* - 236GB
Department of Rare and Manuscript Collections	Tons (analog and digital)
Fine Arts Library	783 video + 3 audio
Kheel Center	Tons (analog and digital)
Management Library	Approx. 600 (mostly CDs – 'computer files')
Mann (Access Services & Media Support)	None (VOD)**
Mann (Reference and Instruction)	54 digital
Maps & Media	30000-40000 items (video and audio, analog)
Music Library	Approx. 100000 items (mainly analog audio)
Olin & Uris Research & Learning Services	12 digital videos

^{*}CUL-IT responded concerning a/v in eCommons (22,105 items) and integrating Kaltura with DSpace; VRWG should monitor this need but leave work to CIT, CUL-IT and the Kaltura team.

Current delivery:

- Item-by-item to individual researchers
- CIT RealMedia for course reserves
- youtube; eCommons & Drupal module

Plans:

- Kaltura
- Maps & Media current pilot of 1000-2000 audio
- Music streaming Cornell assets (eg. South Asian recordings, PLO cassettes & other unique items)
- RMC work with Goldsen, HSC, Hip Hop, etc.

Unmet needs:

- Platform / (delivery) mechanisms for access, archiving and editing video/audio
- Inability to reallocate staffing for digitizing a/v materials and processing files into clips for access
- Maintenance of analog equipment
- Funds to digitize a/v
- Centrally managed archival repository for digital masters
- Digital and analog preservation
- Creation of a repository for "digital prototyping" and CADD / Form Z output (Fine Arts Library)
- Advice from metadata services & DMG on digitization and metadata (Maps & Media)
- Improving findability of media assets
- Aggregation of on-campus recordings of events currently housed in departments
- Acquisition of pop & rock in formats other than hard copy

^{**}Mann (Access Services & Media Support) requests support for VOD for CALS professors operating out of Mann; this is an infrastructure issue for CALS, CIT and the Kaltura team.

VRWG Media Needs Survey Individual Responses

1. For which CUL department are you taking this survey?

Kheel Center

- 2. Do you have audio and/or video materials in your collection? Yes
- 3. If yes, please list the audio and/or video formats in your collection (including approximate quantities).

Analog formats: Very rough, and probably-low guestimates after a count of significant collections..... audio cassettes 2600 (probably many more) audio CDs 2000 audio mini CDs 25 audio open reel tapes 425 (probably many more) digital video cassettes 65 digital mini video cassettes 20 DVDs 260 moving image film (8mm, 16mm, 35mm) 385 (probably many more) phonograph discs 145 video cassettes (primarily VHS and U-matic, also Beta and others) 2725 (probably many more) video open reel tapes (1" and 2") 10 digital formats: total 644 GB. Most numerous file formats include: .avi .mp2 .mp3 .mp4 .mov .wma .wmv

- 4. If known, what is the average length or filesize of audio in your collection? unknown
- 5. If known, what is the average length or filesize of video in your collection? unknown
- 6. Are you currently delivering digital audio and/or video to patrons? Yes
- 7. If you currently delivery digital video, which platform do you use? Delivered item by item as researchers request due to copyright issues and file prep needs. None are currently available for browsing or searching, though
- 8. Does your department have plans for delivering streaming media in the next 2 years? If so, please give details.

We hope to move into streaming, again, depending on copyright permissions.

9. Do you have unmet needs for audio and/or video? If so, please give details. It is difficult or impossible to know what is on an archival audio or video recording if not well labeled (many are not); hard to guess how long the recording is, and difficult to appraise for retention or digitization given the risk of playing a fragile recording. We maintained analog equipment is central to reference access and the digitization process! We have formats for which we have no equipment or no functioning equipment on which to play the recordings, and some equipment which is unreliable on which we are reluctant or unwilling to play recordings. We are working on replacing and repairing some broken equipment but parts are rare. Funds to digitize AV formats. Centrally managed archival repository for AV file masters would be wonderful.

Fine Arts Library:

- 2. Do you have audio and/or video materials in your collection? Yes
- 3. If yes, please list the audio and/or video formats in your collection (including approximate quantities).

As per 2010 CUL statistics: 783 (dvd and vhs); 3 sound

- 4. If known, what is the average length or filesize of audio in your collection? not known -- but here are call numbers; NX 260 .b57 2001 and NX 28 .g72 A773 1996
- 5. If known, what is the average length or filesize of video in your collection? Not known, although a significant number are "feature" films.
- 6. Are you currently delivering digital audio and/or video to patrons? No
- 7. If you currently delivery digital video, which platform do you use? No Response
- 8. Does your department have plans for delivering streaming media in the next 2 years? If so, please give details.

No -- but we should come up with a plan.

9. Do you have unmet needs for audio and/or video? If so, please give details. Yes, I think this is an area we should 'grow" starting with infrastructure. A number of artists, architects and planners, use video in or as their work. Architects and urban designers in particular create animated imagery of design scenarios using Form Z or other CADD programs. This is how their work is generated (in addition to traditional 2D/static imagery). Another term designers use is "digital prototyping." At this point, the FAL does not have a way to retain this type of creative output, which is increasingly being used in course work, thesis production, exhibitions, presentations, proposals, etc. We are somewhat aware of industry-related developments in these fields, but we do not yet have a plan for creating an institutional repository for this work (even at the department level). Additionally, assuming that the use of these types of digital content by academics and practioners (both for consumption and production) will only increase in the future, CUL will need a clear and coordinated plan for managing this sort of digital information.

Division of Rare and Manuscript Collections

- 2. Do you have audio and/or video materials in your collection? Yes
- 3. If yes, please list the audio and/or video formats in your collection (including approximate quantities).

We have a bit of everything (although I cannot estimate the quantity in a timely manner). For example... Audio: cylinder, wire, records (various types), 8-tracks, cassettes, CDs, digital files Film: 8mm, Super 8, 16mm, 35mm Video: 2" Quad, 1" Type C, 1/2" open reel, 3/4" Umatic, Betamax, VHS, MiniDV, digital files, and more

- 4. If known, what is the average length or filesize of audio in your collection? Unknown
- 5. If known, what is the average length or filesize of video in your collection? Unknown
- 6. Are you currently delivering digital audio and/or video to patrons? Yes
- 7. If you currently delivery digital video, which platform do you use? YouTube or other video sharing site 8 (http://www.youtube.com/user/rmckroch/videos)
- 8. Does your department have plans for delivering streaming media in the next 2 years? If so, please give details.

Yes. Rose Goldsen - video streaming (ETC and other collections) Archives - reformatted film (see YouTube link above for examples), reformatted audio (current Big 11 grant to digitize Cornell reel to reel) Many more possibilities in the Human Sexuality, Hip Hop (copyright notwithstanding), and other collections, including reformatted film/video, oral histories, and radio programs

9. Do you have unmet needs for audio and/or video? If so, please give details. Streaming video platform - Kaltura will help immensely since we have a number of reformatted audio and video files which have nowhere to go online. Increased DMG/Preservation support - right now we send most materials to outside vendors for duplication and preservation-quality reformatting; more in-house support would be helpful.

Maps & Media

- 2. Do you have audio and/or video materials in your collection? Yes
- 3. If yes, please list the audio and/or video formats in your collection (including approximate quantities).

DVD (Olin) -- appr. 4,800 titles DVD (Asia) -- 8,000 VHS (Olin) -- 4,000 VHS (Asia) -- 4,700 Laser discs (Olin) -- 10 Laser discs (Asia) -- 30 Audio cassettes (Olin) -- 10,000 titles (15-16,000 pieces) Audio cassettes (Asia) -- 2,000 Audio CD (Olin) -- 100 Audio CD (Asia) -- 500

- 4. If known, what is the average length or filesize of audio in your collection? Quite varied, on the average between 60-200 min.
- 5. If known, what is the average length or filesize of video in your collection? 90-140 min.
- 6. Are you currently delivering digital audio and/or video to patrons? No
- 7. If you currently delivery digital video, which platform do you use? No Response
- 8. Does your department have plans for delivering streaming media in the next 2 years? If so, please give details.

There is a pilot project going on to digitize approximately 1,000-2,000 audio cassettes from the Olin collection; the first two stages have been completed (i.e. identifying the titles and confirming the copyright releases).

9. Do you have unmet needs for audio and/or video? If so, please give details. We have been working with DMG and LTC on the next stages, i.e. the actual digitization. We need advice regarding the way of digitization -- stream or download -- and metadata creation

CUL-IT

2. Do you have audio and/or video materials in your collection? Yes

3. If yes, please list the audio and/or video formats in your collection (including approximate quantities).

212 AVI 112 CDA 23 M1V 23 M2V 272 M4A 141 M4V 304 MOV 1 MP1 2 MP2 541 MP3 51 MP4 355 MPG 3 MPV 81 RM 12 WMA 105 WMV 5 VOB 2283 OTHER SIZE = 236GB totals

- 4. If known, what is the average length or filesize of audio in your collection? No Response
- 5. If known, what is the average length or filesize of video in your collection? No Response
- 6. Are you currently delivering digital audio and/or video to patrons? Yes
- 7. If you currently delivery digital video, which platform do you use? E-Commons 22,105
- 8. Does your department have plans for delivering streaming media in the next 2 years? If so, please give details.

We are thinking of using kaltura to provide streaming video

9. Do you have unmet needs for audio and/or video? If so, please give details. No Response

Mann Library - Access Services & Media Support

- 2. Do you have audio and/or video materials in your collection? No
- 3. If yes, please list the audio and/or video formats in your collection (including approximate quantities).

No Response

- 4. If known, what is the average length or filesize of audio in your collection? No Response
- 5. If known, what is the average length or filesize of video in your collection? No Response
- 6. Are you currently delivering digital audio and/or video to patrons? No
- 7. If you currently delivery digital video, which platform do you use? No Response
- 8. Does your department have plans for delivering streaming media in the next 2 years? If so, please give details.

Mann Library supports Resource-25 classrooms in the College of Agriculture & Life Sciences. As the new renovations in Stocking Hall and Warren Hall get completed, there will be lecture capture (audio and video) infrastructure built into the classrooms and our Media Support group will need access to reliable servers/storage to provide streaming and archiving of events and courses that occur in these classrooms and auditoriums.

9. Do you have unmet needs for audio and/or video? If so, please give details. No Response

Music Library

- 2. Do you have audio and/or video materials in your collection? Yes
- 3. If yes, please list the audio and/or video formats in your collection (including approximate quantities).

78 rpm, ca. 1000 33-1/3 rpm, ca. 45,000 CD, ca. 26,000 cassette tapes, ca. 15,000 open-reel tapes, ca. 600 (rough guess) VHS tapes, ca.2000 DVDs, ca. 1000 Blu-Rays, ca 5 Laser discs (12" - precursor to DVD), ca. 40 DAT, ca 300-400

- 4. If known, what is the average length or filesize of audio in your collection? Yikes! Compositions can range from 3-4 minutes to an hour or more, and operas in the 3-4 hour range
- 5. If known, what is the average length or filesize of video in your collection? See above
- 6. Are you currently delivering digital audio and/or video to patrons? Yes
- 7. If you currently delivery digital video, which platform do you use? CIT RealMedia Server

This is complicated - we assist faculty with course reserves, which are delivered through CIT. Otherwise, we aren't providing digital delivery other than through commercial subscriptions

8. Does your department have plans for delivering streaming media in the next 2 years? If so, please give details.

Commercial subscriptions to streaming audio and video will continue. We would very much like to provide streaming options, but the copyright concerns keep getting in the way. Our]r]priorities for streaming are recordings of Cornell concerts; some of our unique South Asian recordings; and working with our PLO cassette tapes, plus those donated by Marty Hatch. All of those would come before our more standard commercial issues, although I expect the community would appreciate streaming access to the entire collection.

9. Do you have unmet needs for audio and/or video? If so, please give details. Although we have the technical expertise on the music library staff to work with the files, we cannot reassign time to cover the work without interfering with other equally important work.

Mann Library

2. Do you have audio and/or video materials in your collection? Yes

3. If yes, please list the audio and/or video formats in your collection (including approximate quantities).

Podcasts: About 54 total, available at http://mannlib.cornell.edu/podcasts; most available as audio and video. Online tutorials, about 27, available on YouTube at

 $http://www.youtube.com/user/mannlibrary\#p/c/64F3B0CD3FB780F3\ We\ have\ also\ uploaded\ about\ 10\ of\ our\ recent\ podcasts\ to\ Youtube,\ available\ as\ playlist\ at$

http://www.youtube.com/user/mannlibrary#p/c/808D4C04A2BD4231

- 4. If known, what is the average length or filesize of audio in your collection?
- c. 35-60 minutes long
- 5. If known, what is the average length or filesize of video in your collection? Podcasts includes one 3 minute clip of a longer podcast; others all range between 35 to 60 minutes plus. The tutorials tend to be 2-3 minutes long
- 6. Are you currently delivering digital audio and/or video to patrons? Yes
- 7. If you currently delivery digital video, which platform do you use? YouTube or other video sharing site

Note: Our main podcast library are on none of these platforms; served directly from Mann.

8. Does your department have plans for delivering streaming media in the next 2 years? If so, please give details.

So aside from the YouTube videos, we do not stream our podcasts; they require a download to view. We may be changing this in the short term future though, pending available support from our ITS folks.

9. Do you have unmet needs for audio and/or video? If so, please give details.

Yes, improving their findability. Our luck with getting our videos published via CornellCast has been checkered at best. We'd also ideally like to create clips of longer web/podcasts for publication on YouTube (rather than simple re-publication of the original long file), but we have extremely limited staff time to devote to this.

Management Library

- 2. Do you have audio and/or video materials in your collection? Yes
- 3. If yes, please list the audio and/or video formats in your collection (including approximate quantities).

VCR / DVD --- 26 Sound Recordings --- 19 Computer Files (CDs) ---- 526

- 4. If known, what is the average length or filesize of audio in your collection? Hard to say. In some cases it is an audio book so 10s of hours. In others it is much shorter.
- 5. If known, what is the average length or filesize of video in your collection? These tend to be speeches or movies so anywhere from 45 minutes (for one speech disc/tape of a series) to 120 minutes for a movie.
- 6. Are you currently delivering digital audio and/or video to patrons? No
- 7. If you currently delivery digital video, which platform do you use? NA
- 8. Does your department have plans for delivering streaming media in the next 2 years? If so, please give details.

Not unless it is part of course reserves. Our library is attempting to go "virtual" and we are looking into electronic delivery of reserves. As some classes require students to watch a movie, this might be an interest in future. That being said, our video collection is small so likely not too much demand.

9. Do you have unmet needs for audio and/or video? If so, please give details. For course related materials? Not at this time. As technology progresses and sustainable business models for student against to streaming video and audio backs become evailable, we may have me

models for student access to streaming video and audio books become available, we may have more interest. Students often want certain types of books available as audiobooks they can listen to on their smartphone or iPod. Where I think the library (maybe RMC or Olin media) could take ownership/leadership of audio and video across campus is related to the guest speakers and relevant AV materials for noted alumni and donors. A few years ago, Irene Rosenfeld, CEO of Kraft Foods, CU alum and a trustee came into the library looking for a video, Carnauba, A Son's Memoir, which is related to the S.C. Johnson family--big donors to CU. We didn't have the video and we still don't! It was fairly embarrassing and I think gaps like this don't paint the library in the best light. I know that some departments keep videos of past speakers, but it would seem logical to me that the library could be a central repository for either originals or copies of these talks and related materials as a part of the institutional memory.

Music Library. Completed by Tracey Snyder. Feel free to contact me for followup.

- 2. Do you have audio and/or video materials in your collection? Yes
- 3. If yes, please list the audio and/or video formats in your collection (including approximate quantities).

20000+ CDs (and many more unprocessed gifts) 1000+ DVDs ~5 Blu-rays 9700+ LPs/78s (and many more unprocessed gifts) some 45s 3700+ audio cassettes some LaserDiscs 700+ VHS tapes

- 4. If known, what is the average length or filesize of audio in your collection? No Response
- 5. If known, what is the average length or filesize of video in your collection? No Response
- 6. Are you currently delivering digital audio and/or video to patrons? Yes
- 7. If you currently delivery digital video, which platform do you use? We subscribe to a few streaming audio and video databases. See http://music.library.cornell.edu/streaming.
- 8. Does your department have plans for delivering streaming media in the next 2 years? If so, please give details.

Continue current subscriptions to above-mentioned streaming audio and video databases.

9. Do you have unmet needs for audio and/or video? If so, please give details. It's very frustrating that iTunes et al is not available to libraries as institutional customers. It's also a challenge that the streaming media databases we subscribe to don't include pop and rock music to any great extent, so we are stuck with just acquiring hard copies.

DRMC

2. Do you have audio and/or video materials in your collection? Yes

3. If yes, please list the audio and/or video formats in your collection (including approximate quantities).

You name it we have it and lots of it. If a serious estimate is needed it could be done with time. I feel we may be a bit of an overwhelming odd duck in terms of the immense amount of content we have.

- 4. If known, what is the average length or filesize of audio in your collection? Unknown.
- 5. If known, what is the average length or filesize of video in your collection? Unknown.
- 6. Are you currently delivering digital audio and/or video to patrons? Yes
- 7. If you currently delivery digital video, which platform do you use? YouTube or other video sharing site

E-Commons

8 in Youtube http://www.youtube.com/user/rmckroch We want our Youtube site to go away or be allowed to expand it, but are waiting to see what happens with Kaltura. A dozen or two videos are in ecommons. We also have over 100 in a drupal based website: http://dynkincollection.library.cornell.edu

8. Does your department have plans for delivering streaming media in the next 2 years? If so, please give details.

Other than Kaltura as a possibility none that I am aware.

9. Do you have unmet needs for audio and/or video? If so, please give details.

We have a number of already digitized a/v items we would love to be able to share online once a process is formalized. We also have extensive really cool undigitized items that would be wonderful to start digitizing for display online both because they would generate interest/scholarship, but also because of the preservation aspect.

Reference and Instruction at Mann

- 2. Do you have audio and/or video materials in your collection? Yes
- 3. If yes, please list the audio and/or video formats in your collection (including approximate quantities).

youtube, camtasia, captivate, jing, podcasts. We have lots. Sorry, I can't be more specific.

- 4. If known, what is the average length or filesize of audio in your collection?
- 2-5 minutes
- 5. If known, what is the average length or filesize of video in your collection?
- 2-5 minutes

edit, or share them.

- 6. Are you currently delivering digital audio and/or video to patrons? No Response
- 7. If you currently delivery digital video, which platform do you use? YouTube or other video sharing site 10-12. we rely heavily on Jing because it offers a Screencast cloud storage for our videos.
- 8. Does your department have plans for delivering streaming media in the next 2 years? If so, please give details.

YES. and we desperately need a platform for which to store our material and standards on archiving and editing so that we can repurpose material

9. Do you have unmet needs for audio and/or video? If so, please give details. Yes. we want our website to provide digital reference and instruction through videos and tutorials. We have some of the components, like the software, but we do not have a uniform way to archive,

Olin & Uris, Research & Learning Services

- 2. Do you have audio and/or video materials in your collection? Yes
- 3. If yes, please list the audio and/or video formats in your collection (including approximate quantities).
- 12 videos mp4 format Uris Historical Tours and Research Minutes (instructional videos) We have uploaded all videos to YouTube: http://www.youtube.com/user/olinlibrary
- 4. If known, what is the average length or filesize of audio in your collection? ranges from 1:50 to 6:37 minutes per video
- 5. If known, what is the average length or filesize of video in your collection? ranges from 20 to 69 MB per video
- 6. Are you currently delivering digital audio and/or video to patrons? Yes
- 7. If you currently delivery digital video, which platform do you use? YouTube or other video sharing site

We stream all 12 videos on YouTube. We also put videos on E-Commons for download but had a technical problem, and so we no longer point patrons to download them from E-Commons. We prefer the ease of YouTube for streaming and embedding on libguides and web pages.

8. Does your department have plans for delivering streaming media in the next 2 years? If so, please give details.

We would like to create more videos for digital reference and instruction in the next two years. It would be nice to have an institutional streaming video site so we don't have to rely solely on YouTube.

9. Do you have unmet needs for audio and/or video? If so, please give details. We would like the ability to archive the videos we create. It would be nice to easily edit into clips.