



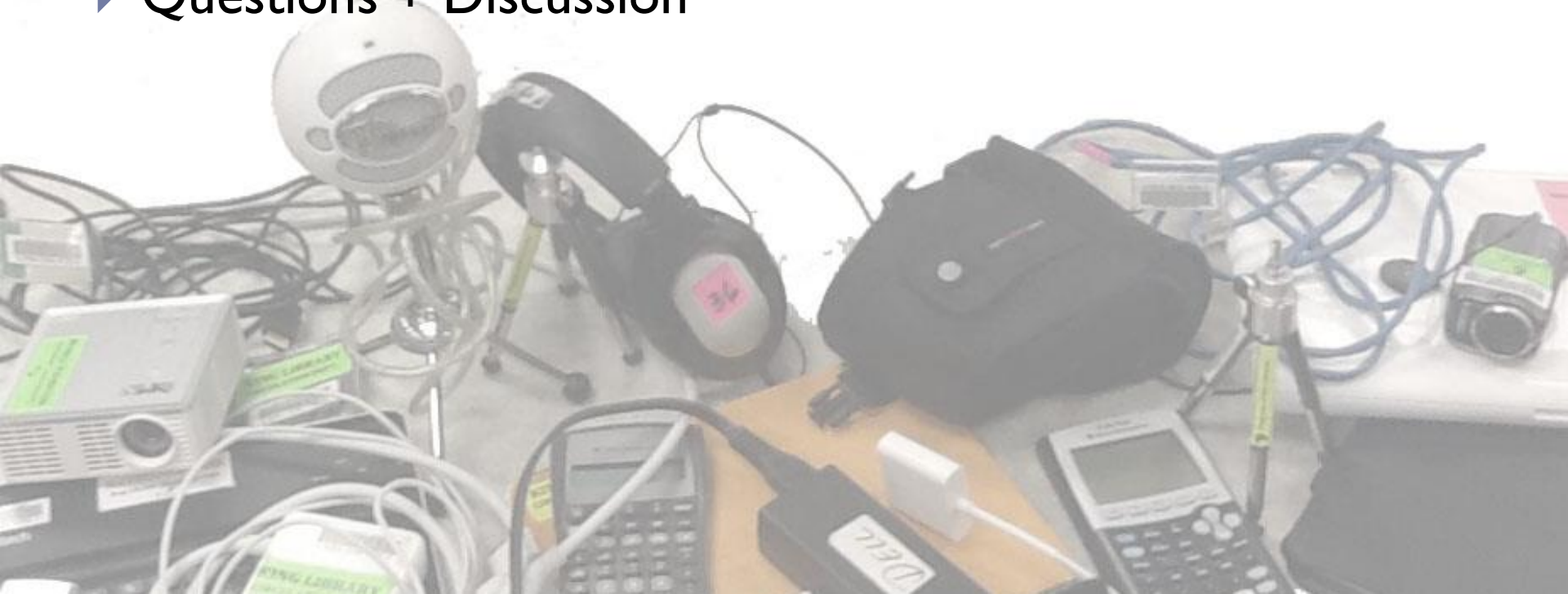
If You Build It, Will they Come:

Creating and sustaining a borrowable collection of digital equipment

Rob Withers
Miami University Libraries

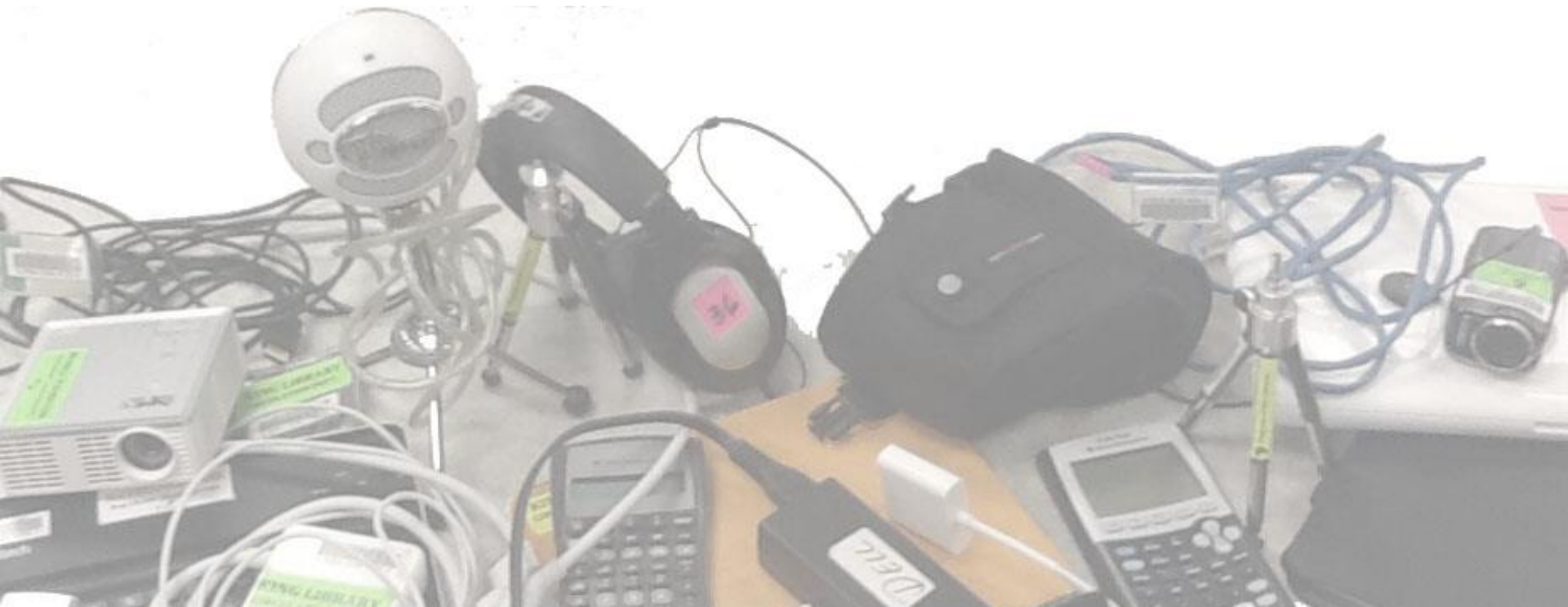
Overview

- ▶ Background: University and Libraries
- ▶ Equipment
- ▶ Usage
- ▶ Challenges ☹️ + Solutions (?)
- ▶ Questions + Discussion



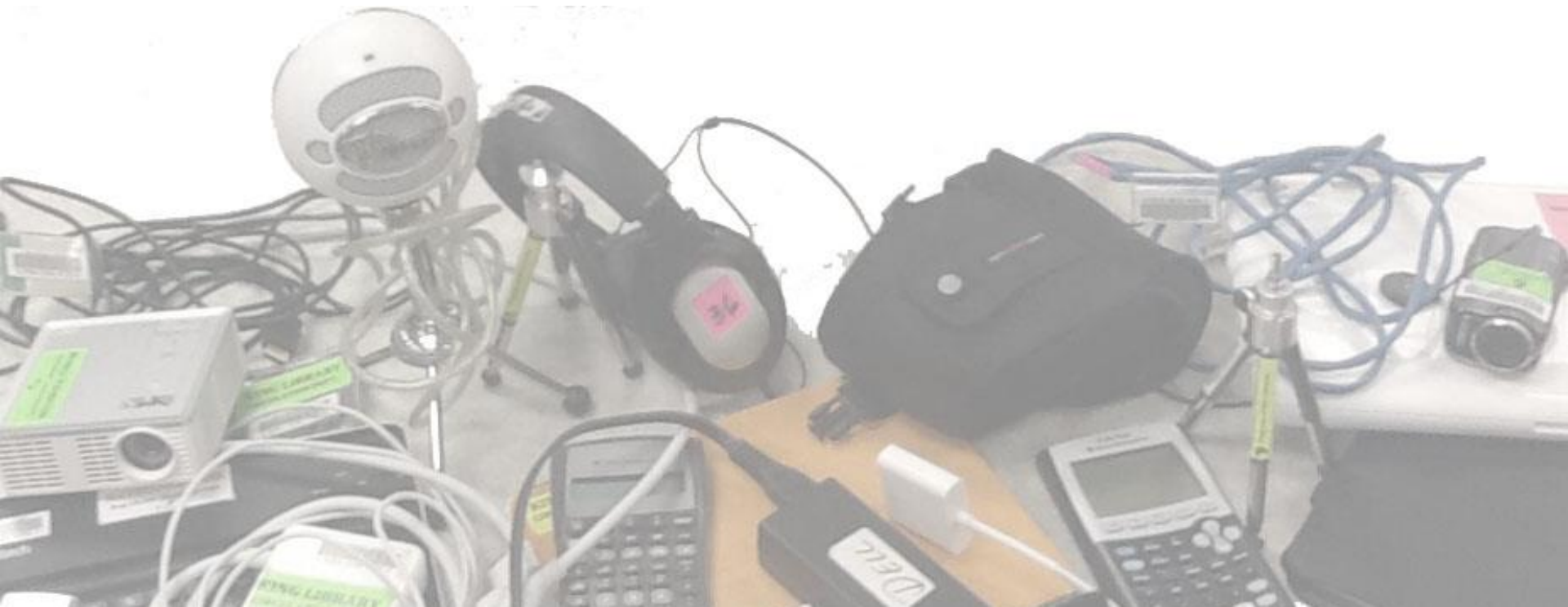
Miami University: Institutional Background

- ▶ NOT in Florida
- ▶ 15,081 Undergraduates / 2,476 Graduates
- ▶ Small town / Rural surroundings
- ▶ Residential campus



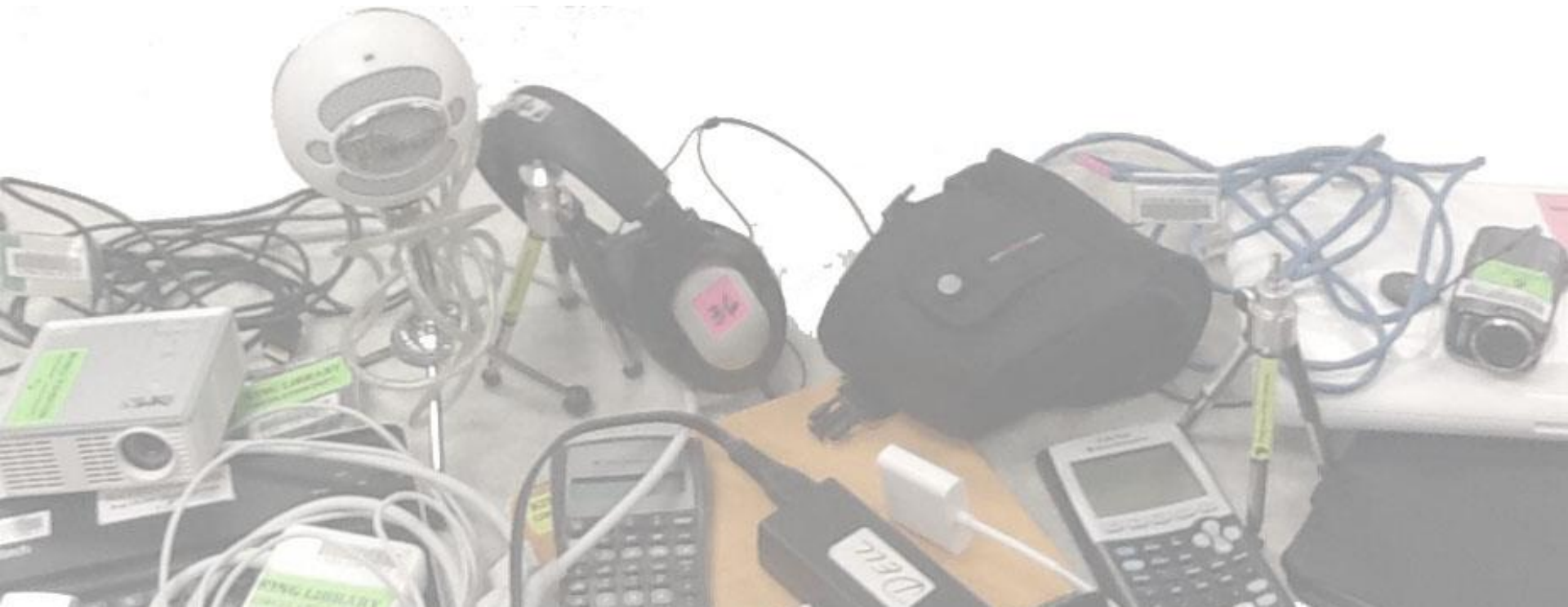
Miami University: Libraries

- ▶ Main campus: Central facility, 3 branches
- ▶ Regional campus
- ▶ Shared ILS / Shared loan rules + procedures (mostly....)
- ▶ In-house systems department



Central Service Point Background

- ▶ 24/7 Operations during academic year
- ▶ 198,274 checkouts per year
- ▶ 4,000 informational transactions per year
- ▶ 5.5 FTE desk staff + 6.5 FTE student employees



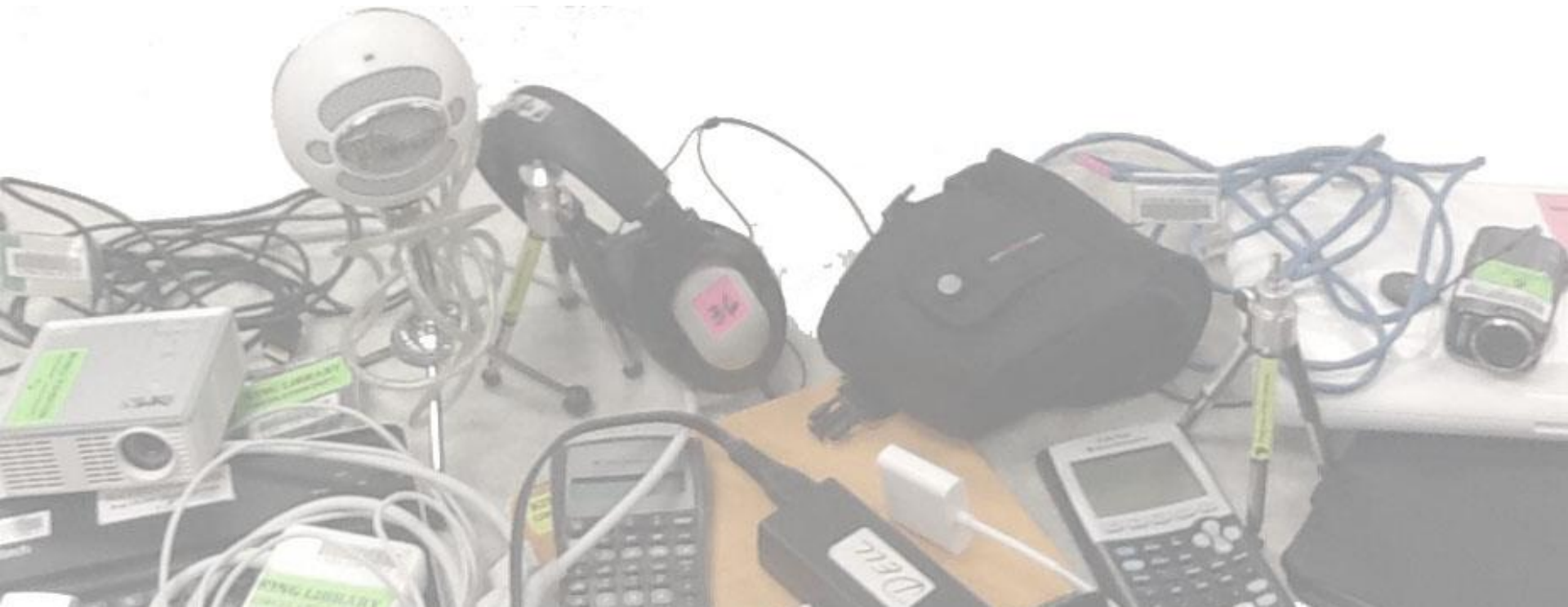
In the beginning...

- ▶ Digital Cameras and Laptops
- ▶ Money from library budget



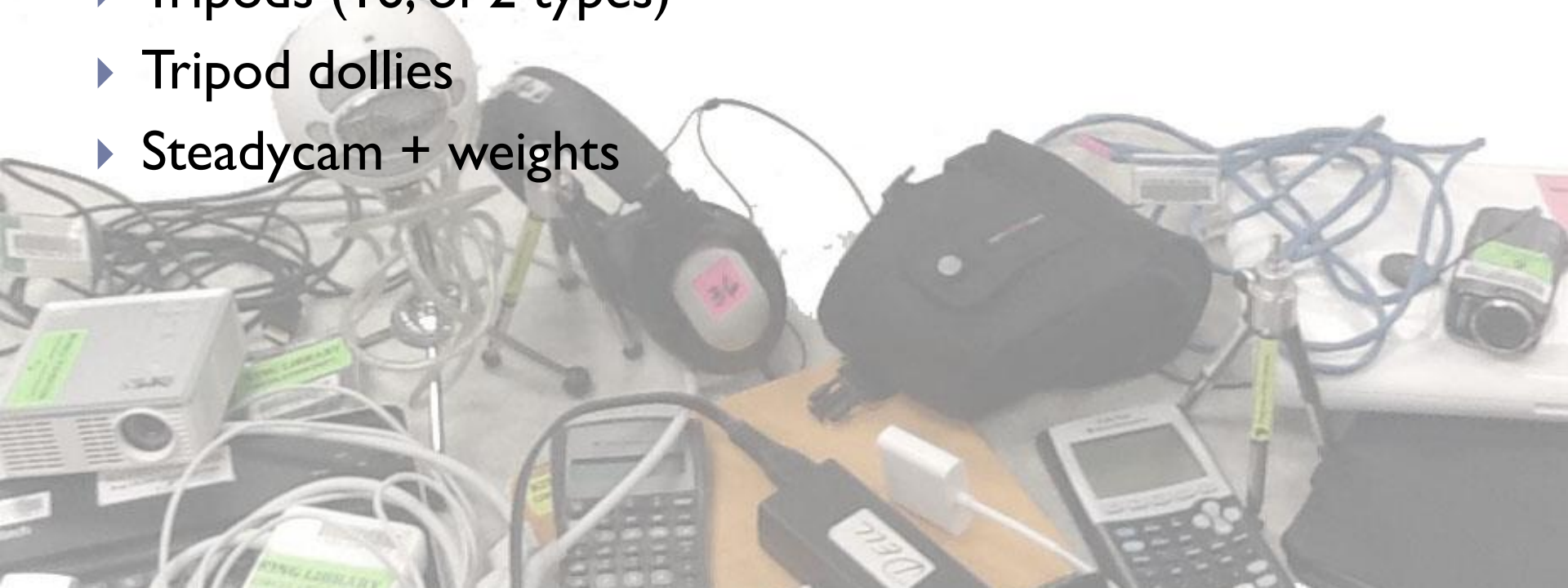
Equipment: Laptop & Tablets

- ▶ Laptops (21 Windows, 30 Mac)
- ▶ Tablets (31 iPads, 6 Nexus Tablets, 6 Chromebooks)
- ▶ Power cords (46 Mac, 47 Dell, 13 HP)



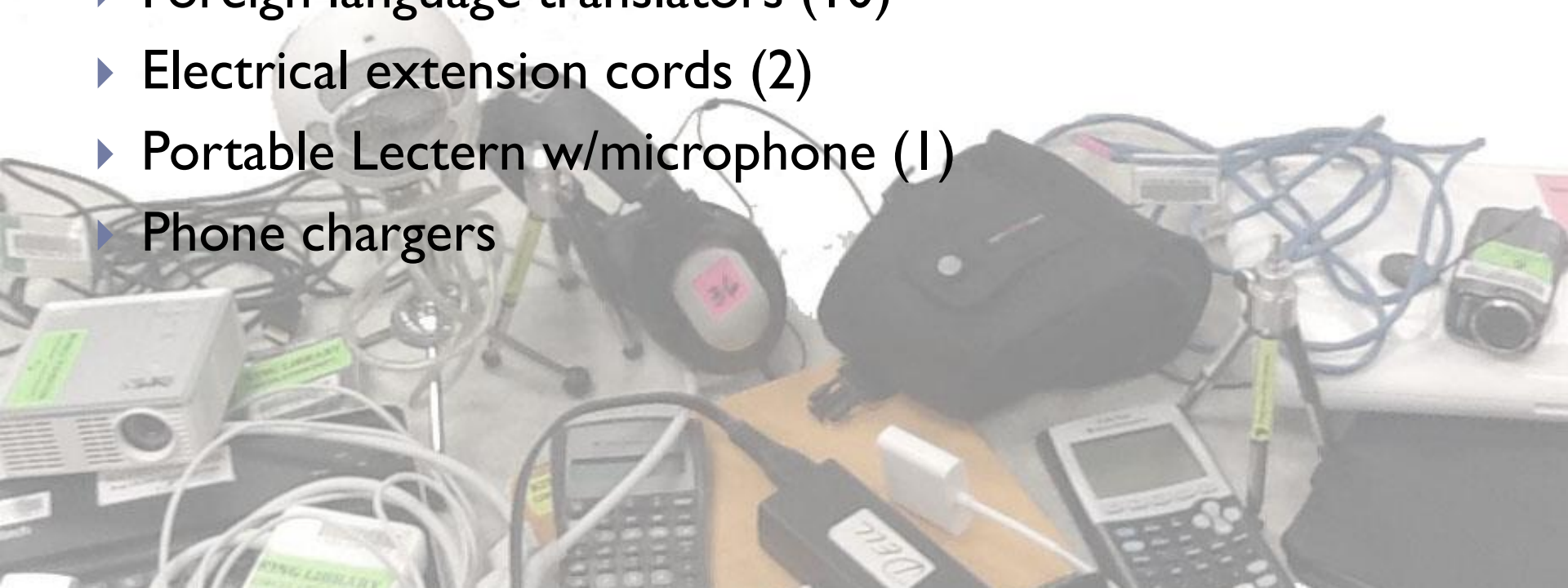
Equipment: Cameras & Recorders

- ▶ Digital Video Cameras (76, of 6 types)
- ▶ Digital Still Cameras (8)
- ▶ Digital Audio Recorders (28, of 3 types)
- ▶ Microphones (16)
- ▶ Tripods (16, of 2 types)
- ▶ Tripod dollies
- ▶ Steadycam + weights

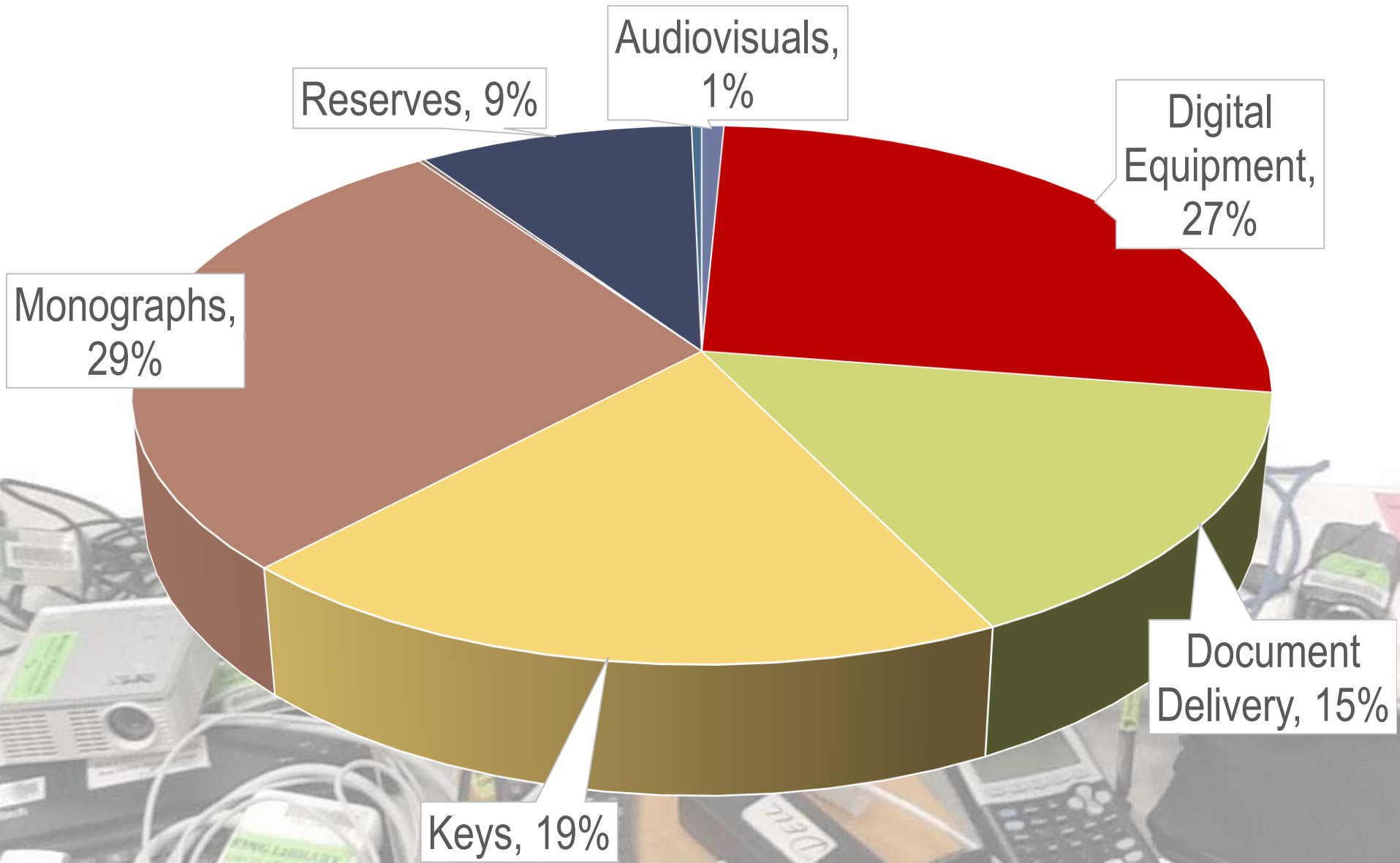


Equipment: Miscellaneous

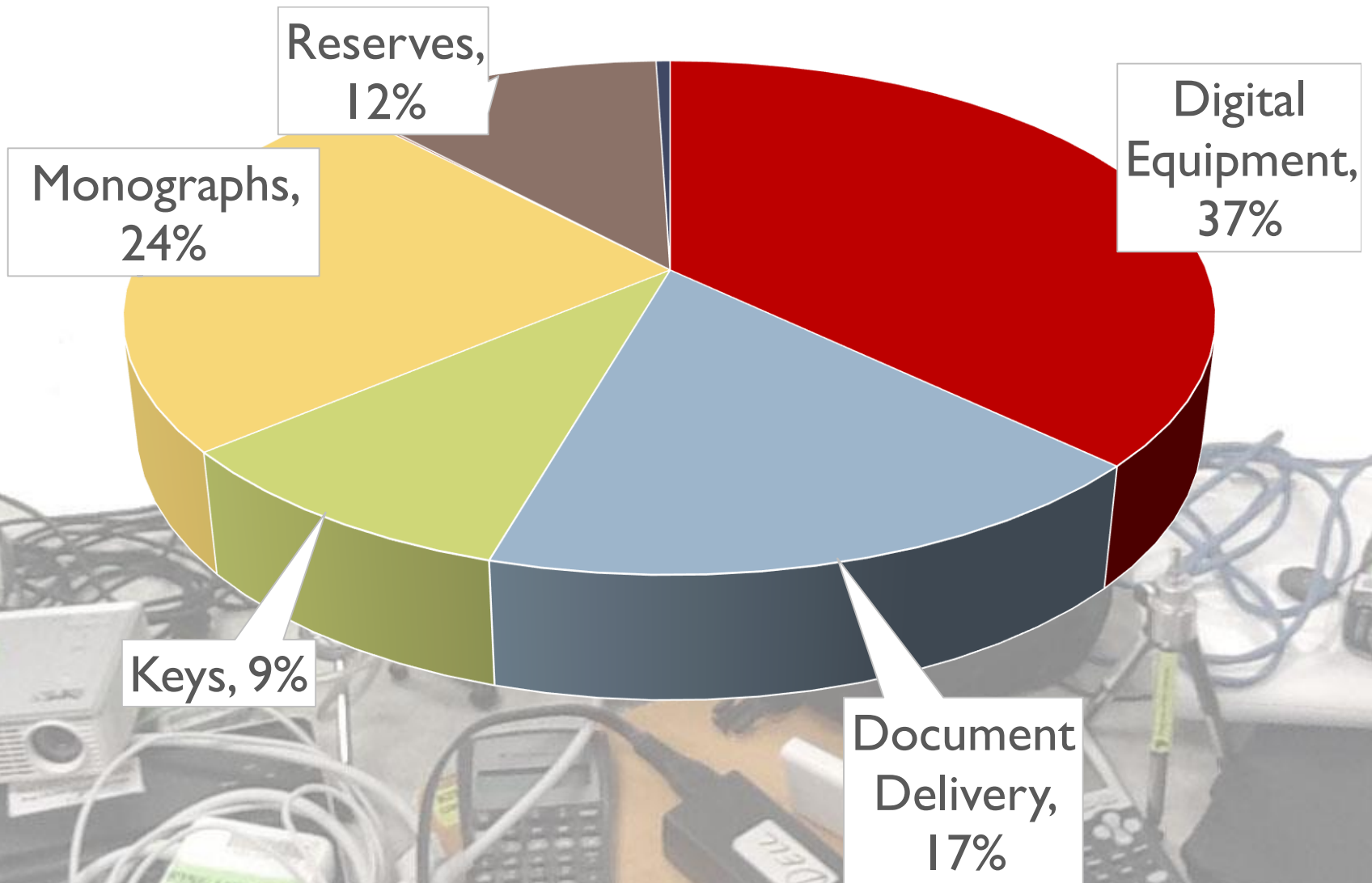
- ▶ Headphones (76)
- ▶ Calculators (14 Graphing, 27 Financial)
- ▶ Projectors (23, of 2 types)
- ▶ Computer mice (4)
- ▶ Foreign language translators (10)
- ▶ Electrical extension cords (2)
- ▶ Portable Lectern w/microphone (1)
- ▶ Phone chargers



Usage: Central Service Point+Branches

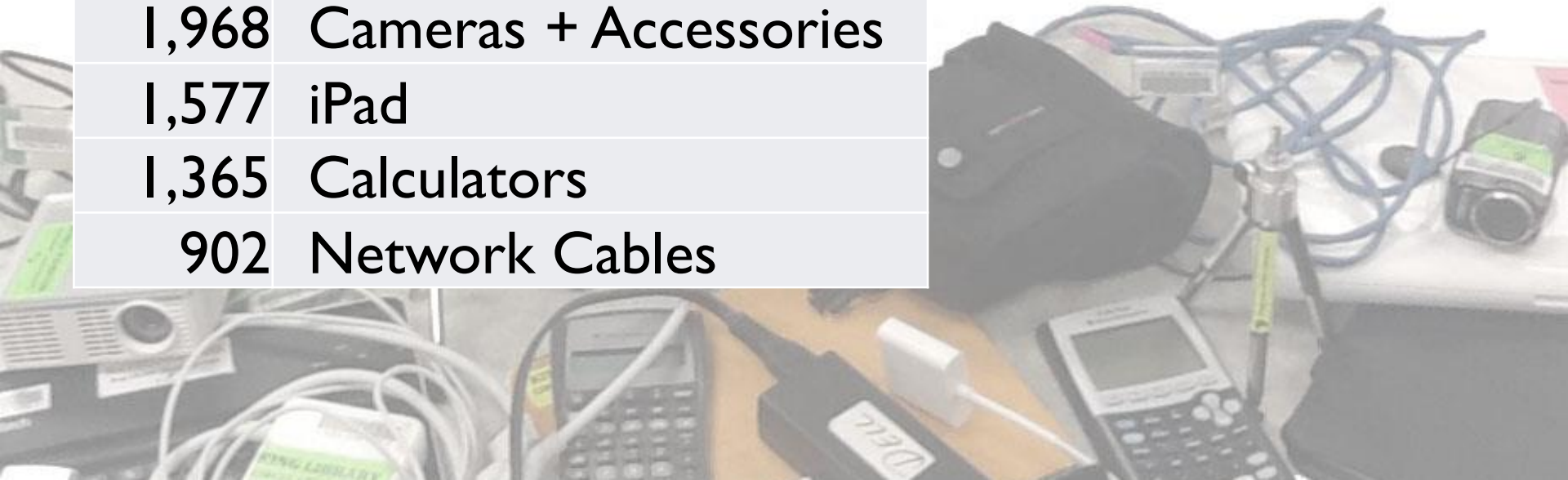


Usage: Central Service Point



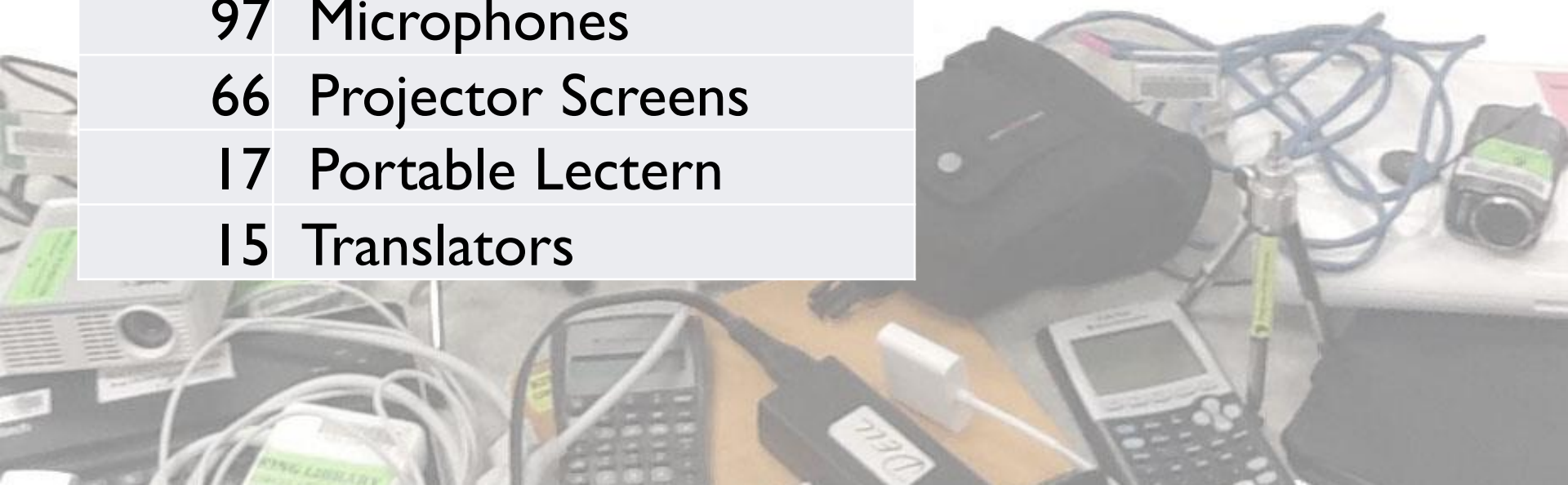
Usage by Item Type (2014)

14,816	Mac Power Cords
9,115	Mac Laptops
8,286	Headphones
4,962	PC Laptops
4,121	PC Power Cords
3,781	Phone Chargers
1,968	Cameras + Accessories
1,577	iPad
1,365	Calculators
902	Network Cables



Usage by Item Type (2014)

517	Projectors
304	Mice
298	Miscellaneous
272	Keyboards
233	Digital Voice Recorders
181	Nexus Tablet
97	Microphones
66	Projector Screens
17	Portable Lectern
15	Translators



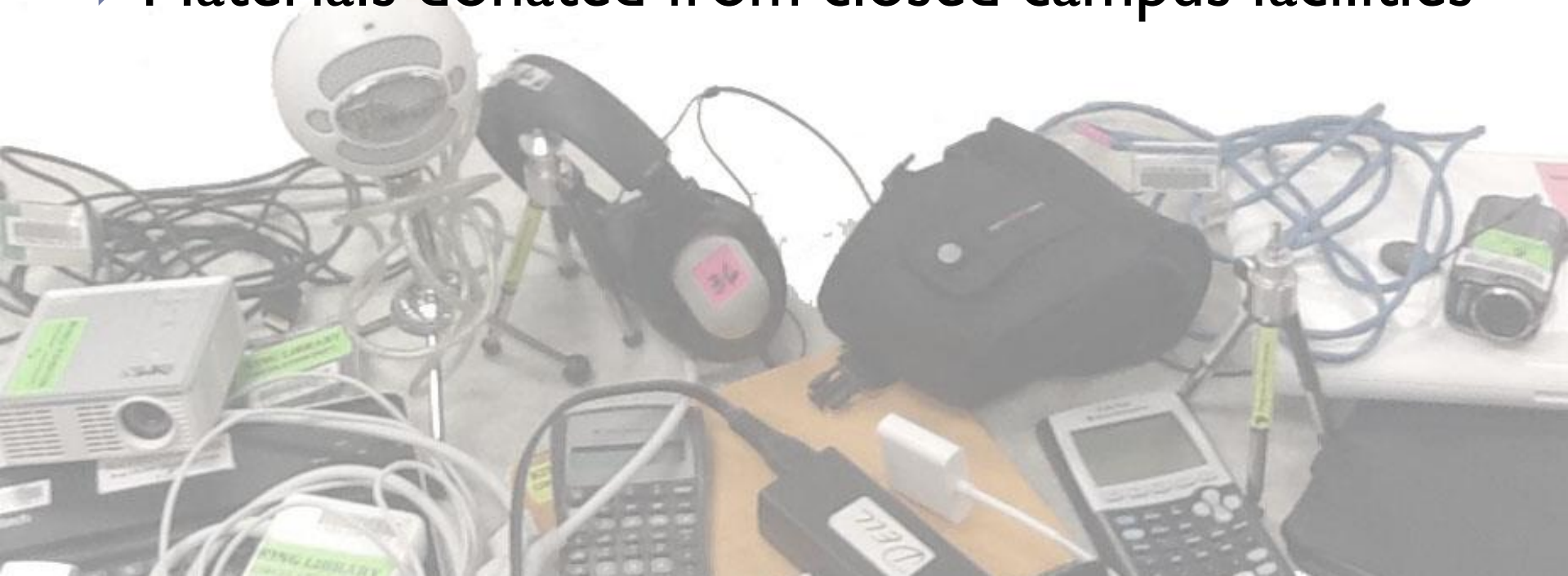
Challenges + Solutions: Funding

- ▶ **Library materials budget**

- ▶ **Student technology fee**

<https://www.units.miamioh.edu/uit/tech-fee>

- ▶ **Materials donated from closed campus facilities**



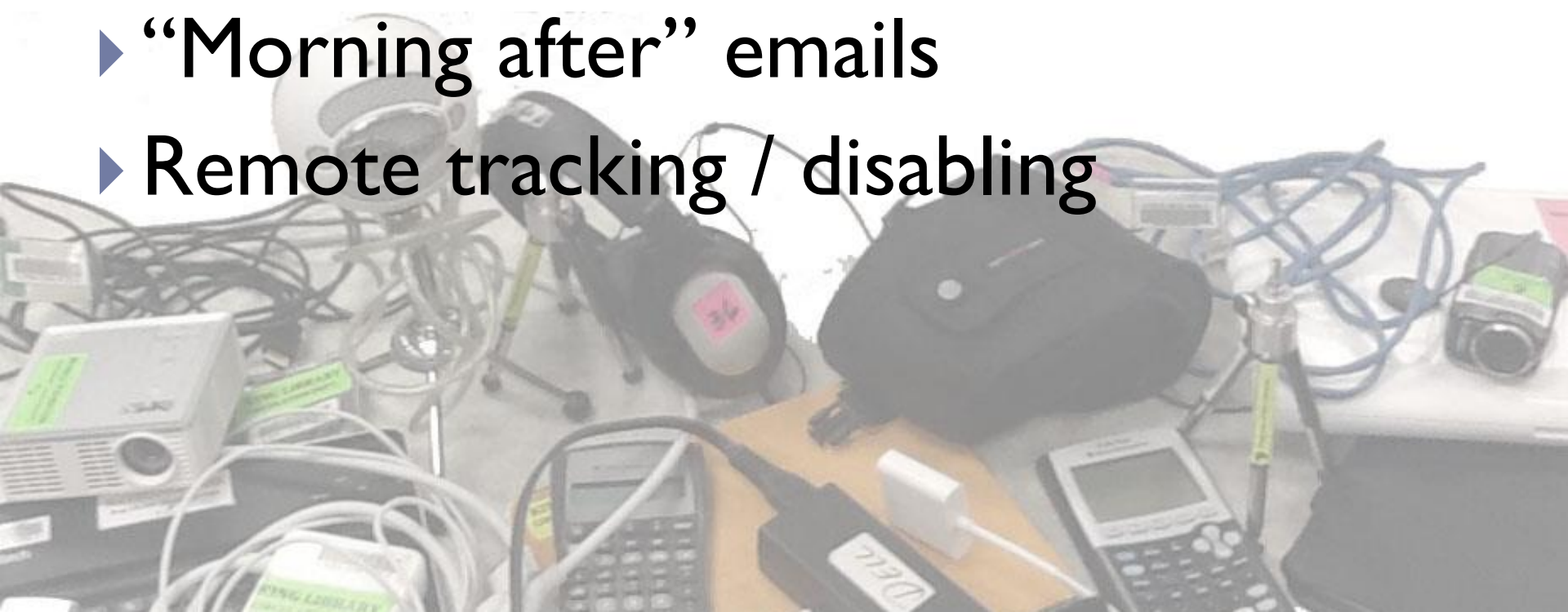
Solutions: Maintenance

- ▶ Access Services position does triage
- ▶ Systems check laptops weekdays
- ▶ Upgrades between semesters
- ▶ Acceptance that equipment will wear out ☹️



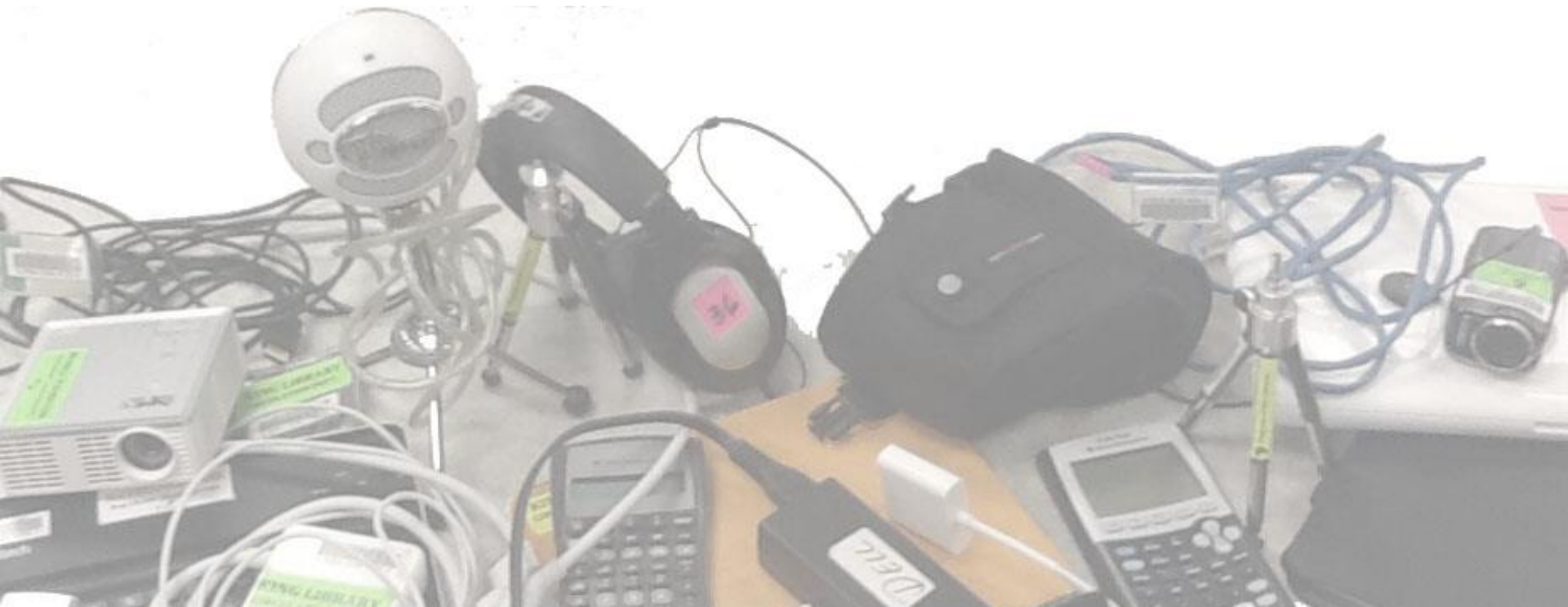
Solutions: Retention

- ▶ **Electronic Equipment User Agreement**
- ▶ **Automatic overdue + fine notices**
- ▶ **“Morning after” emails**
- ▶ **Remote tracking / disabling**



Challenges: Privacy

- ▶ Possibility of personal data remaining
- ▶ Inappropriate materials left behind



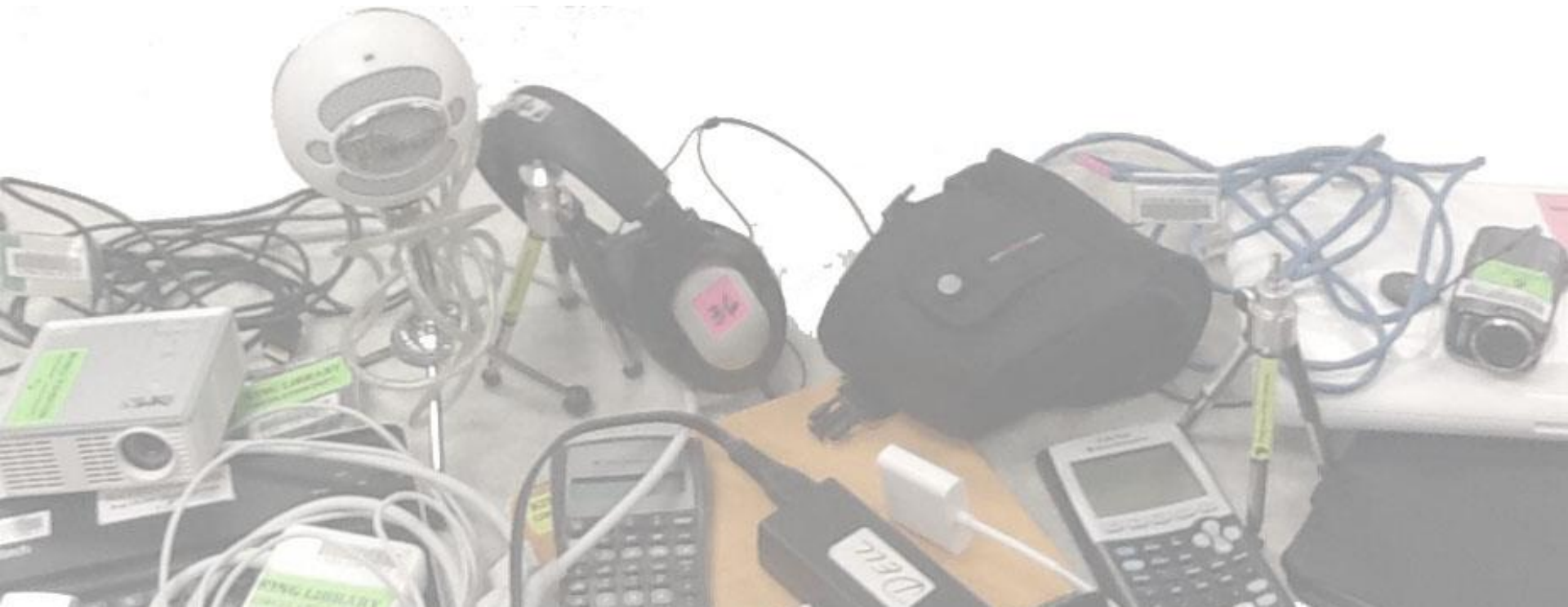
Solutions: Privacy

- ▶ Laptops wipe on logout
- ▶ iPads wiped on weekly updates
- ▶ Cameras wiped on check-in
- ▶ Students sometimes lose work ☹️



Challenges: User Support

- ▶ Multiple varieties of equipment
- ▶ Differing levels of technical skill
- ▶ Support not a primary part of job



Solutions: User Support

- ▶ **Self-training**
- ▶ **Instructions from manufacturer**
- ▶ **“Quick start” guides**
- ▶ **Training for staff?**



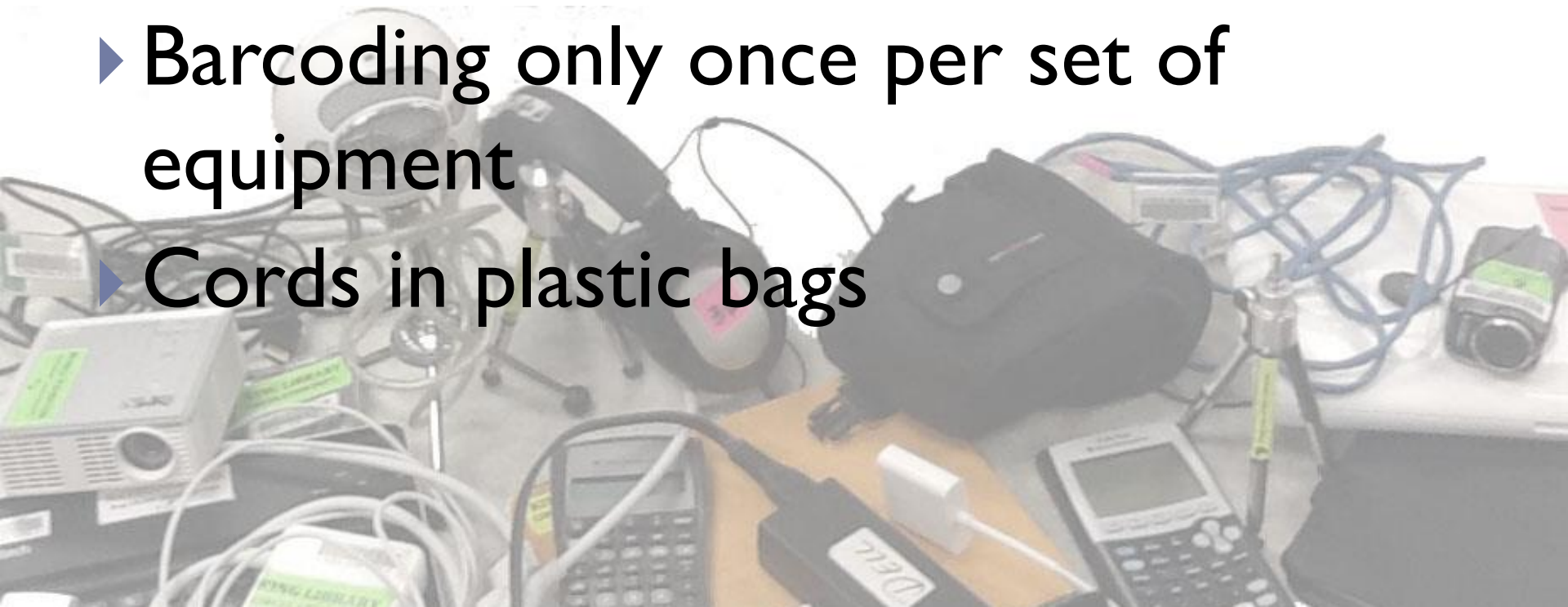
Challenges: Logistics

- ▶ Storage space / Containers
- ▶ Proximity to electrical supply
- ▶ Cords can become tangled
- ▶ Equipment w/ multiple items



Challenges + Solutions: Logistics

- ▶ Charging cords / carts
- ▶ Extra batteries
- ▶ Intimate relationship w/Fire Marshall
- ▶ Barcoding only once per set of equipment
- ▶ Cords in plastic bags



Circulation

LAPTOPS

DIGITAL EQUIPMENT

STUDY ROOMS

RESERVES

INTERLIBRARY



Digital Equipment in King Library / Miami University



Main storage for cameras, recorders. Backs have been removed from cabinets to allow access to power cords.



Mac / PC / Nexus charging station, w / power cords on top

LIGHTNING TO USB CABLE

Monitor
Adaptors

Monitor
Cables

USB Cables

4-Pin/9-Pin Firewire
--FOR NEW MACS--

HDMI Cables

CARD READERS

Where many of the cables / connectors live



INVENTORY
1. [illegible]
2. [illegible]
3. [illegible]
4. [illegible]

ATTENTION
[illegible]

CHARGED
[illegible]

More cameras, connectors, and chargers



More cables, chargers, calculators, and digital translators



Headphones – one of our hottest commodities!



The iPad charging station



iPad charging station – we own 30, and as you can see, many were out the day that Spring Break began.

Welcome to King Library's
Power Inp
More than 250 outlets now available to power all your devices



Questions / Discussion



Further Information

- ▶ <http://www.users.miamioh.edu/witherre/mla-al/>
- ▶ witherre@miamioh.edu

