Harvard not YOUR style?
No high bay?
No problem (short version).

Ann MacKay Snowman
Verne Neff
MARCOSS Conference
University of Maryland
April 10, 2018
Penn State University Libraries are One Library Geographically
Inventory Management System

Before

After
Annex Inventory “Plan B” Pilot

- New Spatial Identifier
- 99990101001
- **99990101001** = The Locator (building, range and section)
- 99990101001 = Shelf and tray (0100 – 1516)
- 99990101001 = Item number in tray (001-999)

* This new spatial identifier supersedes the existing ItemID in the Call Number/Item Record.
Catalog record

- We added policies to the Item Cat2 – Item Cat5 fields in Workflows CallNumber/Item records.
- Item Cat2: Item Locator
- Item Cat3: Shelf and Tray
- Item Cat4: Item number in Tray
- Item Cat5: Measurement of item thickness in inches (entered only when an item permanently leaves the Annex)
- To ingest items, Annex staff will parse data from the new item identifier across fields Item Cat2 – Item Cat4 via the following operation(s): Workflows □ Cataloging □ Global Item Modification
Start at Cato Park-2
Future Plans
Old shelving layout
Future Capacity vs. Today Capacity

- This shelving plan also is being built for the future
- Capacities will be lower today, but expandable when needed
Grand Totals Steps 1-6

- Total Storage Capacity in Inches: 1,708,420
- Total Storage Capacity in Volumes: 1,366,736
- Total Inches Gained: 941,080
- Total Volumes Gained: 752,864
- Years Growth: 26.88
- Estimated Cost: $3,442,357.00
Cost Savings

- This plan utilizing the existing Cato Park -1 facility would hold an estimated 1.35 million volumes at an estimated cost of $3.4 million dollars spread out over several fiscal budget years. An alternative that a lot of academic libraries have taken is a new Harvard style high bay facility starting with one module capable of holding approximately 1.2 to 1.5 million volumes that has an estimated cost of $20 plus million dollars thus saving Penn State University Libraries an estimated $16.6 million dollars.
Flexible Implementation

• Steps 1-4 are an aggressive yet flexible plan through 2025 to replace the compact shelving that will outdate in 2018 costing the libraries $2,202,357.00 but we will significantly increase storage capacity and have a shelving capacity that will last 14.85 years.
Summary

- Steps 5 and 6 can be planned and built as space is needed and funds are identified.
- 6 step plan
- Off-site General Collection storage
- 26.88 years.
Result: Happy Nittany Lions for years to come
Current Status

• Awaiting Funding
Questions?
More about the Penn State Annex
