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## Comparing and Contrasting Medical Institutional Repositories with Other Academic IRs: Results of Two Research Studies

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*University of Massachusetts Medical School*

*Et al.*

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# Comparing and Contrasting Medical Institutional Repositories with Other Academic IRs: Results of Two Research Studies

Lisa A. Palmer, MSLS, AHIP <sup>1</sup>; Daniel G. Kipnis, MSI <sup>2</sup>; Judy Luther <sup>3</sup>

<sup>1</sup> UMass Medical School, Worcester, MA, USA; <sup>2</sup> Rowan University, Glassboro, NJ, USA; <sup>3</sup> Informed Strategies LLC, Ardmore, PA, USA



## INTRODUCTION

This poster presents findings from two 2017-2018 research studies about institutional repositories (IRs): one surveying members of the Association of Academic Health Sciences Libraries (AAHSL), and the other, published by CHOICE, an open survey with primary responses from academic libraries.

The poster compares and contrasts several findings, including:

- Are academic medical institutional repositories utilizing different software platforms than other academic IRs?



## METHODOLOGY

### AAHSL Survey

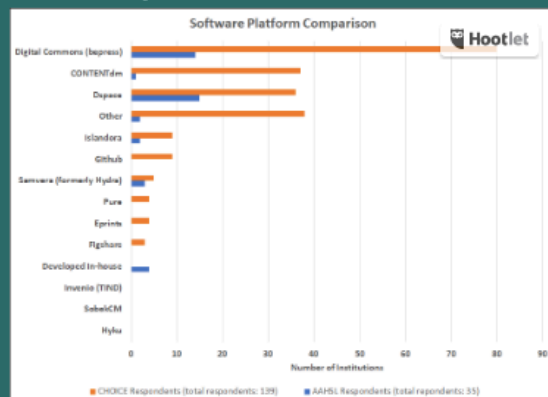
- 21-question online survey sent to AAHSL listserv for library administrators of 153 member institutions (academic medical libraries)
- Conducted December 2017-January 2018
- 63 responses (41.2% response rate)
- 50 responses usable for analysis
- 35 of these respondents had IRs

### CHOICE Survey

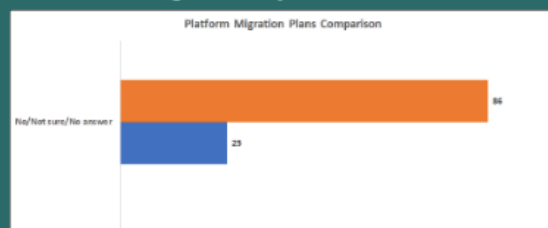


## RESULTS

### Software platforms



### Platform migration plans



## SUMMARY & CONCLUSIONS

### Software platforms

- Digital Commons (bepress) and DSpace are the two most prominent software platforms in use for both medical (14/35 and 16/35, respectively) and non-medical IRs (80/139 and 36/139)
- CONTENTdm is a popular platform for non-medical IRs (37/139)
- Other platforms are far behind in terms of market share

### Platform migration plans



## YOUR TURN!

We would like to hear from you:

1. Which institutional repository platform(s) are currently used at your institution?
2. Do you have plans to migrate?

**Take our Survey!!**

### Acknowledgments

The authors acknowledge the co-investigator on the



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# Comparing and Contrasting Medical Institutional Repositories with Other Academic IRs: Results of Two Research Studies

The screenshot shows a presentation slide with a blue background and a network-like pattern. The slide is divided into several sections:

- INTRODUCTION:** This poster presents findings from two 2017-2018 research studies about medical institutional repositories (IRs) and compares members of the Association of Academic Medical Libraries (AAML) to other academic IRs. The poster compares and contrasts several findings, including:
  - Increased medical institutional repository collections of research software platforms from academic IRs.
- METHODOLOGY:** AAML Survey
  - 21 respondents from 15 research institutions (10 members of AAML and 5 non-members of AAML)
  - Conducted December 2017-January 2018
  - 42 responses (100% response rate)
  - 40 responses used for analysis
  - 28 of 40 responses from IRs
- RESULTS:**
  - Software platforms:** A horizontal bar chart comparing the number of software platforms across different categories.
  - Platform migration plans:** A horizontal bar chart showing the number of institutions with migration plans.
- SUMMARY & CONCLUSIONS:**
  - Software platforms:**
    - Big Data Commons (BDC) and OLS are the most used research software platforms in academic IRs (14/40 and 14/40, 35% response rate) and non-academic IRs (10/33 and 10/33, 30% response rate).
    - 40% of IRs use a research platform for non-medical IRs (17/42).
    - Others platforms are for data in terms of medical IRs.
  - Platform migration plans:** 25% of IRs have migration plans.
- YOUR TURN:**
  - Share IRs that use from you.
  - What medical research platform(s) are currently used at your institution?
  - Do you have plans to migrate?

**Take our Survey!**
- Acknowledgments:** This slide acknowledges the support of the Association of Academic Medical Libraries (AAML) and the Rowan University Library.

Lisa A. Palmer, MSLS, AHIP <sup>1</sup>; Daniel G. Kipnis, MSI <sup>2</sup>; Judy Luther <sup>3</sup>

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PRESENTED AT:

## INTRODUCTION

This poster presents findings from two 2017-2018 research studies about institutional repositories (IRs): one surveying members of the Association of Academic Health Sciences Libraries (AAHSL), and the other, published by CHOICE, an open survey with primary responses from academic libraries.

The poster compares and contrasts several findings, including:

- Are academic medical institutional repositories utilizing different software platforms than other academic IRs?
- In this complex scholarly communication environment, are IR managers considering plans to migrate to new platforms?
- Are academic medical IRs staffed differently than other academic IRs?

This exploration of findings from the two surveys captures a current snapshot of the repository landscape.

## METHODOLOGY

### AAHSL Survey

- 21-question online survey sent to AAHSL listserv for library administrators of 153 member institutions (academic medical libraries)
- Conducted December 2017-January 2018
- 63 responses (41.2% response rate)
- 50 responses usable for analysis
- 35 of these respondents had IRs

### CHOICE Survey

- 15-question online open survey posted to several listservs including Scholcomm and Liblicense
- Conducted December 2017
- 151 responses usable for analysis
- 123 responses (81%) are academic institutions in North America

### The Comparison

- Eliminated responses from 5 medical schools from the CHOICE survey
- 146 non-medical CHOICE respondents vs. 35 medical AAHSL respondents

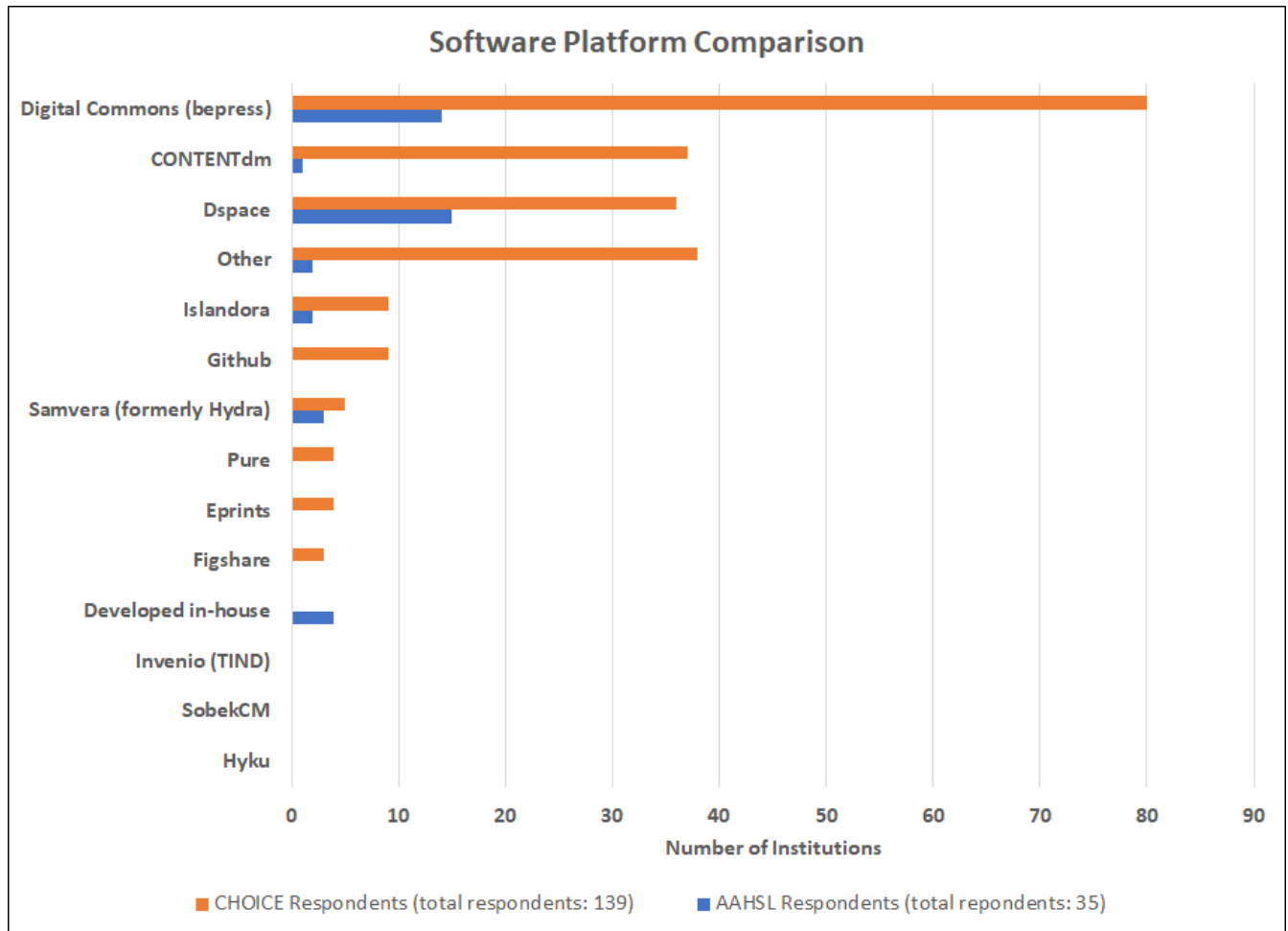


(<https://digitalcommons.unl.edu/cgi/viewcontent.cgi?article=1071&context=scholcom>)

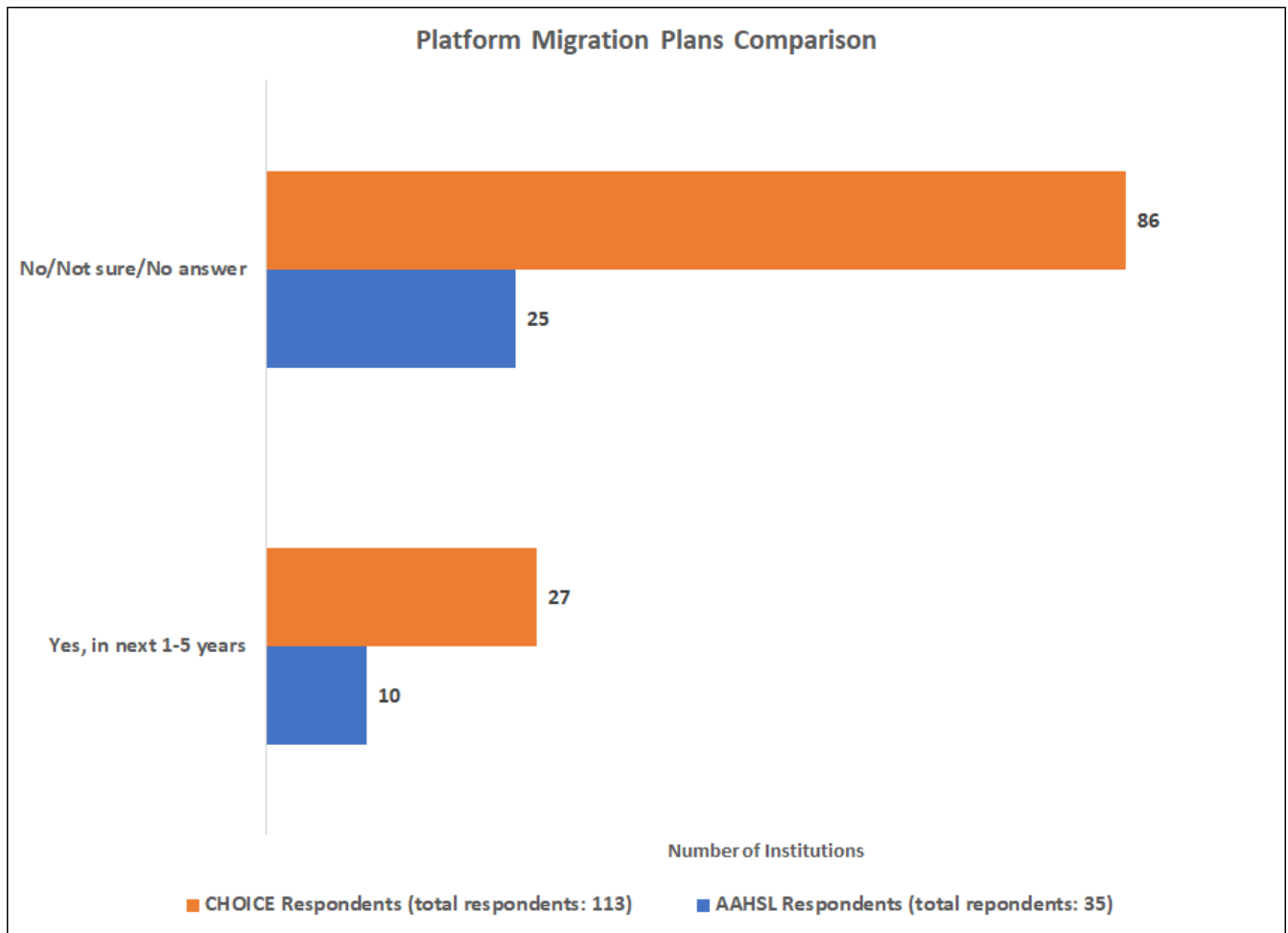
Read the CHOICE survey white paper!

# RESULTS

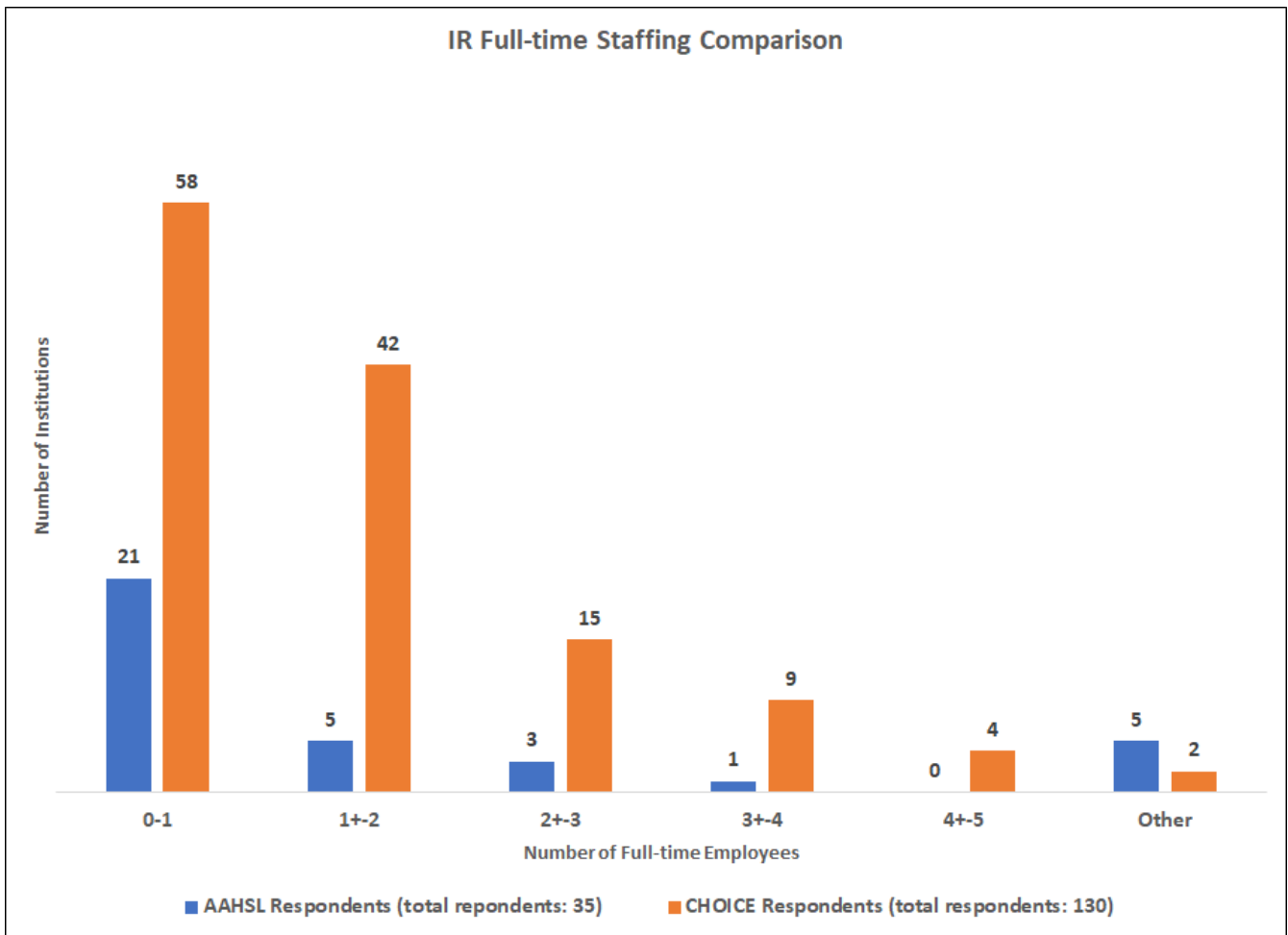
## Software platforms



## Platform migration plans



## Repository staffing





## SUMMARY & CONCLUSIONS

### Software platforms

- Digital Commons (bepress) and DSpace are the two most prominent software platforms in use for both medical (14/35 and 16/35, respectively) and non-medical IRs (80/139 and 36/139)
- CONTENTdm is a popular platform for non-medical IRs (37/139)
- Other platforms are far behind in terms of market share

### Platform migration plans

- 28.6% (10/35) of medical IRs reported plans to migrate to a new platform in the next 1-5 years, compared to 23.9% (27/113) of non-medical IRs
- Many institutions are closely monitoring developments in this area and are exploring their options

### Repository staffing

- The majority of IRs are managed by 1 or fewer full-time employees (44.6%, 58/130 for non-medical and 60%, 21/35 for medical IRs)
- Very few institutions have a staff of 4 or more full-time employees managing the IR (3.1%, 4/130 for non-medical and 14%, 5/35 for medical IRs)
- The second most popular staffing model is 1.5 - 2 full-time employees managing an IR (32.3%, 42/130 for non-medical and 14%, 5/35 for medical IRs)

### Conclusions

- Bepress, CONTENTdm and DSpace are the 3 most popular software platforms for academic IRs
- About a quarter of institutions with IRs plan to migrate to a different IR platform within 5 years
- The majority of IRs are managed by 1/2 - 1 employee
- The academic medical IR has much in common with that of non-medical academic IRs
- Large academic institutions often have more than one IR

## YOUR TURN!

We would like to hear from you:

1. Which institutional repository platform(s) are currently used at your institution?
2. Do you have plans to migrate?

**Take our Survey!!** (<https://goo.gl/forms/gsy2nrDXokMQ5Dcy2>)

### **Acknowledgments**

The authors acknowledge the co-investigator on the medical IR research study: Ramune K. Kubilius, Northwestern University Feinberg School of Medicine. We express our grateful appreciation to all who responded to the two surveys.

## DISCLOSURES

No disclosures.

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## ABSTRACT

This poster presents findings from two research studies about institutional repositories (IRs): one survey to members of the Association of Academic Health Sciences Libraries, and the other an open survey with primary responses from academic libraries in North America. The poster compares and contrasts several findings, including: Are academic medical institutional repositories utilizing different software platforms than other academic IRs? Are academic medical IRs staffed differently than other academic IRs? In this complex scholarly communication environment, are IR managers considering plans to migrate to new platforms? This poster explores findings from the two surveys to help capture a current snapshot of the repository landscape. This will be a "poster conversation" where we will engage attendees about the repositories at their own institutions and give them an opportunity for meaningful discussion.

## REFERENCES

- Luther, Judy. "The Evolving Institutional Repository Landscape." ACRL/Choice, publisher. 2018. <http://choice360.org/librarianship/whitepaper> (<http://choice360.org/librarianship/whitepaper>)
- A manuscript reporting the findings from the survey of AAHSL institutions has been submitted for publication and is currently under revision.
- Background [image](https://pixabay.com/photos/system-web-network-connection-2660914/) (<https://pixabay.com/photos/system-web-network-connection-2660914/>) by [geralt](https://pixabay.com/users/geralt-9301/) (<https://pixabay.com/users/geralt-9301/>) on Pixabay