



**INDIANA UNIVERSITY**  
BLOOMINGTON

INDIANA UNIVERSITY BICENTENNIAL

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Digital Library Brown Bag Series (#dlbb), 4 March 2020

# **Digitization of the IU Bicentennial Student Newspapers**



[I'd like to set the stage for "why student newspapers" should be digitized by reading a couple of quotes]

**Andrea Walton, Associate Professor, School of Education, IUB**

"Historians of higher education often remark that we need to do a far better job incorporating the perspectives and experiences of students into our narratives. We know a great deal about faculty and administrators, but we need to know far more about the voices, views, and daily life of students." Andrea goes on to say, "I dream of digitization of student newspapers---and not just for Bloomington but for all IU campuses."

**Beth South, Coordinator for User Services & Archives, IU East**

"The Student Newspaper Collection at IU East is the most comprehensive collection on the history and development of IU East, and more importantly, a reflection on student life. From campus events, new class offerings, faculty and staff profiles, campus controversies, like the campus wide smoking ban, or consistently reporting students' needs, such as additional parking and childcare, the IU East Student Newspaper Collection has documented it all. "



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Section 1

# About the Bicentennial Student Newspapers Project



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## Bicentennial Archives Development & Deployment Project (ADDP)

The IU ADDP supports evaluation and assessment of archival practices, research needs, and holdings across all IU campuses with plans to make these archival materials more visibly accessible through digitization, exhibitions and overall infusion of resources that supports day-to-day operations. The goals are to:

1. **highlight unique stories** about each campus and their community partnerships
2. **integrate** these materials **with teaching and research** at the respective campuses
3. continue to **grow archival collections** that align with **Indiana University's history**

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The Bicentennial Student Newspaper Project is part of the larger signature project known as the Bicentennial Archives Development and Deployment Project.

NGAO



# Student Newspapers Overview

## IU East

*Howler, New Voice, Pioneer, Pioneer Press*

## IUPUI

*Capitol Student, Component, Indianapolis Student, Onomatopoeia, Sagamore*

## IU Kokomo

*Center Chatter, Mirror, Kokomo Center Review, Center Scope Extender, Road Runner, Regionaire, Illegitimate, Student Voice, Kokomo Student Voice, IUK Register, IUK Phoenix, Correspondent*

## IU Northwest

*Centerion, Northwest Phoenix, Northwest Student, Redhawk Review*

## IU South Bend

*Cross Currents, IUSB Vision, No Name News, Preface, South Bend Campus Student, Spectrum*

IU East	• 1973-2017
IUPUI	• 1950-2009
IU Kokomo	• 1932-2019
IU Northwest	• 1959-2012
IU South Bend	• 1962-2018

The newspapers are in print formats and range in size from 11” x 8 “ to 23” x 14.” We have coverage from 1930s to 2019.

We have estimated approximately 43,000 total pages that require digitization.

IU South Bend digitized their newspapers separately as part of local and grant funding and estimate the digitization of just over 8,700 pages.

All told, over 50,000 pages will be made available.



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## Student Newspapers Over the Years

1930s



1970s



2000s



2010s



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1930s – insight into social life at Kokomo from “Hamburg Fry: to Guest Day (hosting high schoolers) to annual parents’ banquet

1970s – insight into student organizations (Student Nurses Association) and faculty promotion, 3 of whom were women at Northwest!

2000s – Kokomo covers 9/11

2010s – East supports students impacted by natural disasters – Harvey, Irma and Maria



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SECTION 2

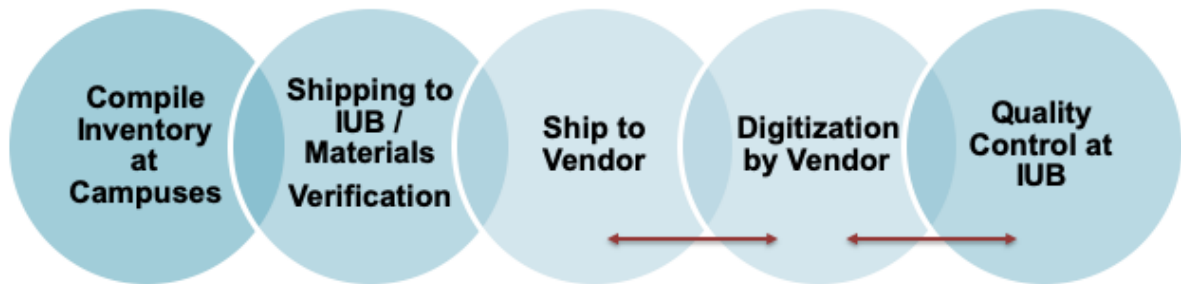
# Digitization

This is where I like to remind folks that digitization is just one step in the process!



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## Overview Workflow



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Back-and-forth between IUB and vendor



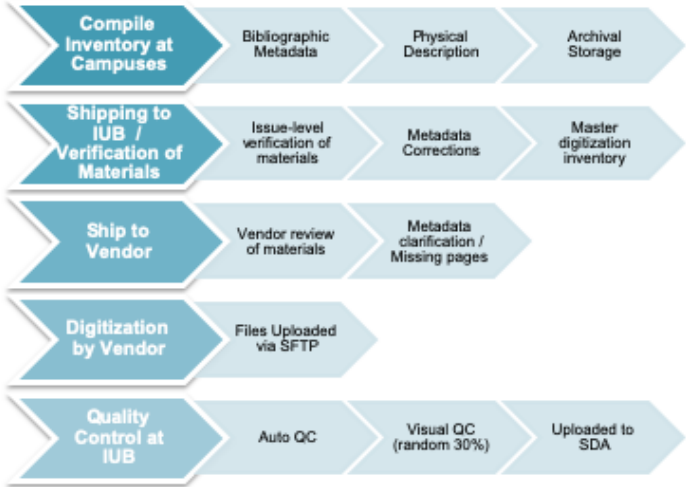


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# Detailed Workflow

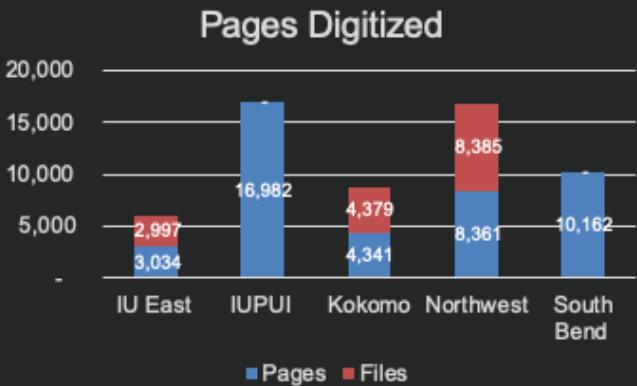
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# Digitization Stats



**58%** Complete  
**1.5 TB**  
**15,761** Digitized  
**27,144** Pending

Completed QC on IU East, Kokomo and Northwest

IUPUI is currently with the vendor and is our largest volume campus: 16,982

IU South Bend has been verified, but requires re-verification due to condition issues (swapping with copies in better shape for scanning)



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SECTION 3

# Publication

So far, we are on track for this project.

Digitization needs to be completed no later than June 2020.

Next steps entails hosting the newspaper in our Pages Online digital library repository service.



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## Pages Online



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Example of Pages Online (in our web testing environment) with a subset of IU Southeast newspapers.

We are working though how to model the content in terms of structure (year/issue) and descriptive metadata (issue-level, not article-level), how to batch ingest as much of this content as possible, and derivative process for zoomable images, PDFs for downloads.

We also have a couple of use cases we need to sort through including 2-page spreads, undated issues, and other issues (largely metadata discrepancies) not uncommon in student-run newspapers.



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# BLACK, WHITE, & READ ALL OVER

IDS REPORTING ON THE GAY RIGHTS MOVEMENT  
SYDNEY STUTSMAN, BACHELOR OF SCIENCE IN CHEMISTRY AND IDAH 2018-2019 HASTAC SCHOLAR



Repeal anti-gay laws!



The Indiana Daily Student, Indiana University's student paper, has been in print since 1867, making it a source of student-oriented and cultivated content spanning 150 years. Despite its significance, it has undergone little large-scale digitization and thus has yet to be systematically analyzed. Through text-based analysis of IDS articles about or relating to gay people, "Black, White, and Read All Over" sought to reveal how young adults felt about gay people throughout years of IU history. With assistance from Digital Collections Services and the Institute for Digital Arts and Humanities, optical character recognition and text analysis were used to examine changes in the language used to describe homosexuality in articles written between 1969 and 1975.

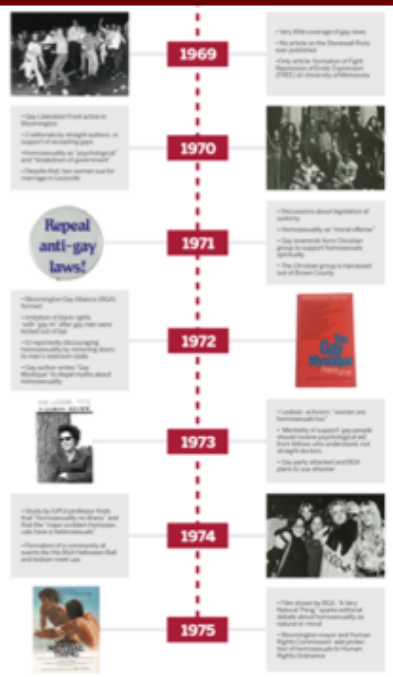
### RESEARCH QUESTIONS:

- What was IU like during the first phase of the gay rights movement?
- Why is writing the piece in question?
- What changes over time?

### PROJECT CONCLUSIONS:

- IU Bloomington had open-minded people from the beginning
- General acceptance evolved into legal protection within five years

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Research potential

We were unable to include the IDS in this project because of cost. IUB alone would have cost more than all 5 campuses.

IDS ... in the process of figuring out how to digitize the IDS.



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#dlbb

**Thanks! Questions?**