THE NEW MISSOURI METHOD

Integrating personal digital archiving (PDA) into the Missouri School of Journalism curriculum

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www.rjionline.org/jdna @RJIJDNA #savenews
1984

Eric Arthur Blair
a.k.a. George Orwell
“FOR SOME REASON THEY WERE NICKNAMED MEMORY HOLES”
– Orwell, 1984
‘We are nonchalantly throwing all of our data into what could become an information black hole.’

— Vint Cerf
For every $1 gained in digital, $7 are lost in print revenue.
R.I.P. (Again) Tucson Citizen

By paulgillin | May 15, 2009 - 6:14 pm - Posted in Business News, Layoffs, Local news, NewMedia, R.I.P.

The 138-year-old Tucson Citizen, America's oldest newspaper, will print its last edition tomorrow, even as a prospective buyer bowls in protest. The paper will continue online with what is being called a "modified" edition focused on commentary and opinion, but without news or sports coverage the newspaper is effectively dead.

Founded in 1870 as the Arizona Citizen, the daily has gone through a painful downsizing process, culminating in a bizarre series of late rescue attempts. Owner Gannett Co. announced in January that it was putting the Citizen up for sale and would shut down the paper in March if no buyer was found.

In February, the Justice Department said it was investigating the Gannett sale due to allegations that the company would not give up its interest in a joint operating agreement (JOA) it has with Lee Enterprises, publisher of the Arizona Daily Star. JOAs are legally sanctioned duopolies that enable partners to share profits and back office operations while maintaining competitive editorial voices. Without the JOA, the Citizen is effectively a money pit.

Failed Rescue Attempt

On March 16, just five days before the scheduled shutdown, we posted our first RIP for the newspaper, but the next day Gannett announced that two "very interested buyers" had emerged. In fact, the Citizen had at least five suitors during its final months, but none wanted to pay Gannett’s price. Meanwhile, the Justice Department confirmed today that it has closed its investigation into the sale and will let the Citizen shut down.

The howls of protest are from Stephen Hadland, CEO of Santa Monica Media Corp., who says he still wants to buy the Citizen and who claims Gannett refuses to budge on price. The Citizen reported in March that Santa Monica Media is a "blank check company" that exists solely to perform mergers and acquisitions. Hadland has asked the Arizona attorney general for a temporary restraining order to prevent Gannett from closing the Citizen. With no further interference from the Justice Department, however, it appears that the closure is a done deal.

In a final strange twist, a Gannett implied that the sub of a website being kept in operation may be nothing more than a sop to the Justice Department to let the deal go through. Gannett revealed almost no details about the plans for the online operation and refused to say how long it will keep the site in operation.

The Citizen employs 60 people, most of whom will lose their jobs, although some may be retained to staff the Web operation.

Update 5/16/09: Arizona Attorney General Terry Goddard filed a complaint in U.S. District Court in Tucson late Friday to block the closure of the Citizen. A temporary restraining order is being filed. The move...
The Tucson Citizen newsroom after its closing
The Tucson Citizen Morgue after the closing
TUCSON CITIZEN MORGUE, PART 1 (2006-2009)

TucsonCitizen.com beta version launches today
by Mark B. Evans on Jun. 01, 2009, under Local

UPDATE: We’re working out some last minute glitches and the new site should be up soon.

At about noon today, we will switch over to the beta version of the new TucsonCitizen.com.

The new site will appear fairly basic for a couple of weeks while programmers and designers work on its ultimate look and function.

About a dozen people have agreed to begin blogs or transfer their blogs to our new site. Some will begin blogging today, others throughout this week and next.

Another dozen or more have expressed strong interest and are likely to begin blogging before the month is out.
In 2010, a power surge fried a server that contained all of videos linked to dozens of stories in this archive. Also, a server that contained all of the databases for dozens of stories was accidentally erased, so all of those links are broken as well. However, all of the text and photos that accompanied some stories have been preserved.

For all of the stories that were archived by the Tucson Citizen during this time period, make sure to contact the author on the contact page.

UPDATE: We’re working out some last minute glitches.

At about noon today, we will switch over to the beta version.

The new site will appear fairly basic for a couple of weeks. In the meantime, make sure to send us any feedback you have on the site.
Our Digital Archive
This blog page archives the entire digital archive of the Tucson Citizen from 1993 to 2009. It was gleaned from a database that was not intended to be displayed as a public web archive. Therefore, some of the text in some stories displays a little oddly. Also, this database did not contain any links to photos, so though the archive contains numerous captions for photos, there are no links to any of those photos.

There are more than 230,000 articles in this archive.

In TucsonCitizen.com Morgue, Part 1, we have preserved the Tucson Citizen newspaper's web archive.
D’OH!

Error 404 - page not found.
The page you are looking for has moved or no longer exists.
Please use the menu above to go back to the site, or try the search bar above to locate the item you were looking for.
What We’ve Saved (2004-2014)

[Bar chart showing the percentage of crawled URLs for each year from 2004 to 2014. The chart color-codes URLs into categories such as GONE, ERROR, MISSING, and various levels of SIMILAR.]
The Missouri School of Journalism
315 Lee Hills Hall
University of Missouri-Columbia
(573) 882-4876

About the Library

The Missourian Newspaper Library maintains clippings from the *Columbia Missourian* and the *Columbia Daily Tribune*. These consist of subject, biographical and photo files on local institutions and events. The dates covered in the files vary, but most go back to at least 1989. Photo and biographical files may go back farther. Online archives from the *Columbia Missourian* date from early 2002 to the present, along with digitized versions of the newspaper from 1929 and 1966-1985.

Search the Missourian Archives

- Search the archives of the *Columbia Missourian* print edition from February, 2002 to the present

- Search Tips for the Missourian archives

- Digitized Missourians, 1929, 1966 – 1985
  Full text searching of the Missourian through the Missouri Historical Newspaper Project

PLEASE NOTE

- At this time there are no electronic archives for the 1986 – early 2002 Archives.
- Vox Magazine is kept through the magazine office.
Search the Missourian Archives

- Search the archives of the *Columbia Missourian* print edition from *February, 2002* to the present

- **Search Tips for the Missourian archives**

- **Digitized Missourians, 1929, 1966 – 1985**
  Full text searching of the Missourian through the Missouri Historical Newspaper Project

**PLEASE NOTE**

- At this time there are no electronic archives for the 1986 – early 2002 Archives.
- **Vox Magazine** is kept through the magazine office.
dodging the memory hole
 Significant Loss of News Content

Q5c: Have you ever experienced a significant loss of news content?

<table>
<thead>
<tr>
<th></th>
<th>Yes</th>
<th>No</th>
<th>DK/NS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Online Only</td>
<td>17%</td>
<td>81%</td>
<td>1%</td>
</tr>
<tr>
<td>Hybrid</td>
<td>27%</td>
<td>70%</td>
<td>3%</td>
</tr>
</tbody>
</table>
Insufficient policy as threat to BNDC

<table>
<thead>
<tr>
<th></th>
<th>Online Only</th>
<th>Hybrid</th>
</tr>
</thead>
<tbody>
<tr>
<td>Great Threat</td>
<td>1%</td>
<td>10%</td>
</tr>
<tr>
<td>Threat</td>
<td>11%</td>
<td>17%</td>
</tr>
<tr>
<td>Moderate Threat</td>
<td>27%</td>
<td>26%</td>
</tr>
<tr>
<td>Q13c - Less Threat</td>
<td>20%</td>
<td>21%</td>
</tr>
<tr>
<td>No Threat</td>
<td>39%</td>
<td>22%</td>
</tr>
</tbody>
</table>

Rank lack of or insufficient policy or plan for preservation as a threat
Q4b: Do you store and retrieve BD content using a CMS?

<table>
<thead>
<tr>
<th></th>
<th>Yes, Own</th>
<th>Yes, Vendor</th>
<th>No</th>
<th>DK/NS</th>
<th>Others</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Online Only</strong></td>
<td>47%</td>
<td>21%</td>
<td>7%</td>
<td>24%</td>
<td>0%</td>
</tr>
<tr>
<td><strong>Hybrid</strong></td>
<td>20%</td>
<td>41%</td>
<td>19%</td>
<td>18%</td>
<td>1%</td>
</tr>
</tbody>
</table>
School of Journalism
University of Missouri
To which of the following communities do you currently belong?

<table>
<thead>
<tr>
<th>Category</th>
<th>%</th>
<th>n</th>
</tr>
</thead>
<tbody>
<tr>
<td>Undergraduate student</td>
<td>64%</td>
<td>71</td>
</tr>
<tr>
<td>Faculty</td>
<td>12%</td>
<td>13</td>
</tr>
<tr>
<td>Graduate student (two-year)</td>
<td>11%</td>
<td>12</td>
</tr>
<tr>
<td>Staff</td>
<td>8%</td>
<td>9</td>
</tr>
<tr>
<td>BJ / MA student (five-year)</td>
<td>4%</td>
<td>4</td>
</tr>
<tr>
<td>Other (please specify)</td>
<td>2%</td>
<td>2</td>
</tr>
<tr>
<td>Postdoctoral researcher</td>
<td>0%</td>
<td>0</td>
</tr>
</tbody>
</table>
What types of digital files do you have that you might want to maintain and keep accessible for one to five years (for a work portfolio or personal reasons)?

Images / photos: 100%
Documents: 75%
Videos: 50%
Audio recordings: 25%
Websites: 0%
Emails: 0%
Text messages: 0%
Social media accounts and data: 0%
Code or programs you've written: 0%
Other (please specify): 0%
What methods do you use to store your digital files? Please check all that apply.

- Store duplicate copies of files in multiple locations (e.g., laptop and external hard drive, phone and cloud storage): 76%
- Store files using online or cloud-based service (e.g., Box, Dropbox, Google Drive, iCloud): 66%
- Store files on a device and move them to another device (portable hard drive or USB flash drive) or computer as needed: 59%
- Store files in an email account: 38%
- Store files only on one computer/device: 21%
- Other (please specify): 4%

Response:
- 81
- 70
- 63
- 40
- 22
- 4
Why do you save your digital files? On a scale of one to five, how much do you agree with the following statements:

- I save my files so I can use them in the future: 78 Agree, 21 Somewhat agree, 1 Neither agree nor disagree, 0 Somewhat disagree, 0 Disagree
- I have to preserve digital files for my job: 60 Agree, 30 Somewhat agree, 5 Neither agree nor disagree, 4 Somewhat disagree, 1 Disagree
- I want my files to be available for future research: 51 Agree, 32 Somewhat agree, 8 Neither agree nor disagree, 5 Somewhat disagree, 4 Disagree
- My professor or supervisor recommended or mandated that we do so: 21 Agree, 36 Somewhat agree, 25 Neither agree nor disagree, 3 Somewhat disagree, 15 Disagree
- I want my files to be accessible to future generations so they can know what my life was like: 18 Agree, 19 Somewhat agree, 27 Neither agree nor disagree, 19 Somewhat disagree, 46 Disagree
- It takes more work to delete them: 8 Agree, 21 Somewhat agree, 10 Neither agree nor disagree, 15 Somewhat disagree, 75 Disagree
- I don't care about preserving my digital files: 1 Agree, 1 Somewhat agree, 8 Neither agree nor disagree, 15 Somewhat disagree, 2 Disagree
- Other (please specify): 3

[Graph showing responses to the survey questions]
What concerns or frustrations do you have about your current storage methods, or storage options that currently exist? On a scale of one to five, how much do you agree with the following statements:

<table>
<thead>
<tr>
<th>Concern</th>
<th>Agree</th>
<th>Somewhat agree</th>
<th>Neither agree nor disagree</th>
<th>Somewhat disagree</th>
<th>Disagree</th>
</tr>
</thead>
<tbody>
<tr>
<td>It's difficult to export or pull files out of my storage location.</td>
<td>5</td>
<td>21</td>
<td>20</td>
<td>40</td>
<td>13</td>
</tr>
<tr>
<td>It's difficult to load my files onto a hard drive.</td>
<td>19</td>
<td>17</td>
<td>27</td>
<td>20</td>
<td>25</td>
</tr>
<tr>
<td>It's difficult to upload to an online storage provider.</td>
<td>11</td>
<td>30</td>
<td>20</td>
<td>22</td>
<td>17</td>
</tr>
<tr>
<td>I don't have the time and/or resources to store my files in the way I would like to.</td>
<td>18</td>
<td>41</td>
<td>18</td>
<td>9</td>
<td>12</td>
</tr>
<tr>
<td>I worry that my privacy might not be respected by companies that store my digital files.</td>
<td>20</td>
<td>33</td>
<td>24</td>
<td>16</td>
<td>6</td>
</tr>
<tr>
<td>I dislike being dependent on a company or service that stores files I would like to keep or control.</td>
<td>25</td>
<td>39</td>
<td>16</td>
<td>10</td>
<td>9</td>
</tr>
<tr>
<td>I worry that my files might not be stored securely and that they could be accessed by third parties such as advertisers, the government or identity thieves.</td>
<td>32</td>
<td>30</td>
<td>16</td>
<td>16</td>
<td>3</td>
</tr>
<tr>
<td>I worry about losing a stored file due to my own error.</td>
<td>45</td>
<td>32</td>
<td>9</td>
<td>9</td>
<td>5</td>
</tr>
<tr>
<td>I worry about losing a stored file due to another party's error.</td>
<td>41</td>
<td>39</td>
<td>10</td>
<td>9</td>
<td>1</td>
</tr>
<tr>
<td>I worry that my digital files might not be backed up adequately.</td>
<td>45</td>
<td>36</td>
<td>7</td>
<td>8</td>
<td>4</td>
</tr>
</tbody>
</table>
"We should have had a historian running around saying 'I don't care if you are ever going to use them — we are going to keep them.'"
— Richard Nafzger, engineer, after the Aug. 5, 2006, announcement that NASA had lost the original and backup videotapes of the Apollo 11 moon walk.