In the September 2016 issue of the BICInformer I wrote about the library staff, whom I called the critical component of a successful library. That was the second in a series of three essays on comparing the library to a three-legged stool. As a reminder, one leg represents the physical space. A second leg represents the people or staff that provide access to the library’s services and resources. The third leg represents the information we acquire and process to support the teaching, research and patient care information needs of our clients, the faculty, staff and students of the health sciences schools and college. It is the third leg that I will address in this issue.

When I began at Creighton 25 years ago electronic resources were in their infancy. Most of our collection was still received in print. Print was an easy way to obtain information and keep it in perpetuity for use by our clients. We based selection of materials on faculty and student requests as well as how often we borrowed a particular resource. Journal titles were purchased individually and a major issue was having enough stack space to house the back issues of a journal. Back issues of a journal were bound and shelved. Decisions were made as to whether to buy multiple copies of a book that was in high demand. Much labor was expended on selecting, acquiring, and processing information resources.

Flash forward to the late 1990s. Journals were rapidly being converted to electronic format. Outright purchase of a physical object was rapidly being replaced by licensing access to an online resource. The licenses did allow perpetual access but we really didn’t “own” a physical volume. Today probably 95% of our journal collection is online.

Then came the “big deal” offered by publishers. For a negotiated price generally based on what we paid for print journals a publisher would offer us access to their entire collection. If we were to purchase all of the titles individually, we would pay millions of dollars retail, but if we agreed to the terms of the license we would gain access to the entire inventory of a specific publisher for a fraction of the retail cost. The caveat is that we could not cancel a title if it wasn’t being used or if we had budget issues. The “big deal” was an all or nothing proposition. Libraries flocked to this deal but as budgets became flat or were even reduced the “big deal” became an albatross. It really was not and is not a sustainable strategy. Libraries found they had to break up a package and could only buy back a fraction of the titles for which they had access. We have come full circle and are back in the business of selecting titles that meet immediate needs. Interlibrary loan and document purchases from publishers and purchase on demand strategies will fill in the gap. We broke up one package this year (Springer) and will look to breaking up a second package next year (Wiley).

So, looking back at the three-legged analogy where do we go from here? I am no futurist but if I try to imagine what the library will look like in 10-15 years this is what I see. There will continue to be a physical building called the library, or at least functioning as a library. As we are now, we will continue to be the primary non-classroom academic space for the health sciences on campus. Space will be repurposed or created for individual and group study both quiet and not. A cafeteria will be part of the facility. There will be a small collection of printed books but the existing stacks will be replaced with collaborative space and partnerships. I can see a mix of student academic success support being relocated to the “new” or renovated library. Preservation and capture of the scholarly output of the faculty, staff and students will be a critical function of the library. Staff will gain the technical expertise to support these activities. Academic content will continue to be purchased and/or licensed but in small quantities.

So, how do we get there from here? That will be the subject of the next issue of the BICInformer. In the next issue I’ll discuss strategies and tactics we will use to create the new/renovated library.
Health Information Resources for 65 and Older Population

Annette Parde-Maass, Community and Global Health Librarian and NN/LM MCR Coordinator

*Note: 65 and Older Population will also be referred to as “seniors” and “older adults.” These terms can also include a larger age-range and many of the resources listed here are relevant to those ages as well.

The 65 and older population is projected to grow in the U.S. from 46 million in 2014 to 88 million in 2050 (Colby & Ortman, 2014, p. 5). The percentage of 65-and-older population compared to the total population of the U.S. and World will also increase.

This growth will likely result in an increased need for resources regarding medical treatment, health management, and illness prevention specifically for older adults as well as their caregivers. Fortunately, the U.S. National Library of Medicine, the National Institutes of Health (NIH), and other Health and Human Services agencies already have a number of sites for this population.

**NIHSeniorHealth**, [https://nihseniorhealth.gov/](https://nihseniorhealth.gov/), is a portal for older adults to search many government sites at once for health topics pertinent to them and caregivers. They can also browse topics and categories such as Bladder Health, Creating a Family Health History, and Talking with Your Doctor.

NIHSeniorHealth also has a **Toolkit for Trainers** for those that help older adults find reliable information. The toolkit includes lesson plans, promotional flyers for students and trainers, and a tip sheet on creating a “senior friendly computer classroom.”

**Go4Life®,** [https://go4life.nia.nih.gov/](https://go4life.nia.nih.gov/), from the National Institute on Aging at NIH focuses on fitting in physical activity into older adults’ daily lives. There are resources for various activity levels and abilities including videos, exercise guides, tips, and success stories.

**MedlinePlus**, [https://medlineplus.gov/](https://medlineplus.gov/), has a great deal of health information for all ages. Seniors may be most interested in Health Topics such as Health Aging or Seniors’ Health. If print information is preferred, sign up for a free subscription to NIH MedlinePlus Magazine. Librarians can even order the magazine in bulk. If Spanish is the primary language, try [https://medlineplus.gov/spanish/](https://medlineplus.gov/spanish/).
Health Information Resources for 65 and Older Population (Cont.)

National Institute on Aging (NIA) Publications has resources available in Spanish and a few other languages. Many of these are easy to read online, save, or print. Examples include Menopause: Treatment for Symptoms, Caring for a Person with Alzheimer’s Disease, and Online Health Information: Can You Trust It? AgePage. One that seniors and caregivers may find useful in communicating with doctors, surgeons, and other health professionals is Talking with Your Doctor: A Guide for Older People.

A document that seniors may want to have when talking with their doctors is the Agency for Healthcare Research and Quality (AHRQ) Pill Card. People can download this document to customize their own card for keeping track of medicines.

In addition to these online resources, don’t forget about area agencies on aging. In Omaha, we have the Eastern Nebraska Office on Aging, and other Nebraska area agencies can be found at http://nebaaa.org/locations.html.

If you have questions about these resources, please contact me at AnnetteParde-Maass@creighton.edu or 402-280-4156.

Works Cited
Springer Journals hit by budget
Bryan Stack
Collection Services Librarian, Health Sciences Library

Abstract: Because of budget constraints, the Health Sciences Library and Reinert Alumni Library could not continue to participate in the group purchase of a comprehensive package of about 1700 Springer Verlag journals for $180K. By factoring article downloads, subscription cost, cost per use, Journal Impact Factor, and faculty requests, 42 journals were selected for subscription for $103K.

For the past decade, the Creighton University Health Sciences Library and Reinert Alumni Library have jointly subscribed to a package of online journal subscriptions published by Springer Verlag, in a series of multi-year contracts through the Greater Western Library Alliance (GWLA) consortium. In each three-year deal there were 1600 to 1700 journals valued at over $3,000,000, but our cost was significantly less than that, with an annual price increase cap of 4% (while academic journals increase 7% a year on average). These packages have been an unbeatable value, but given the bottom line of the budget, the libraries determined that we could not participate in the new GWLA-Springer package for 2017-2019.

Since this will mean the loss of access to current articles in a large number of journals, we needed to identify those journals that have provided the greatest value to our users, and select titles for continued subscription within the money available. We began with the number of articles downloaded annually from Springer journals in 2013 through 2016, and added their Individual subscription costs for 2017. We calculated the 4-year average use for each journal, and the cost per use based on the current subscription price. Eliminating journals with under 24 average downloads (i.e. at least two uses a month) produced a list of 308 titles with a total cost of $780K, well over the available funds. We flagged journals with high cost per use (over $50 per article) and sent this annotated list to the Deans' offices, with an appeal to obtain faculty requests for keeping journals that would otherwise be dropped. Faculty made requests to keep 26 journals.

Although the libraries do not currently charge users for articles obtained through interlibrary loan (ILL), the cost to the libraries can run from $15 to $100 or more because of publisher copyright fees. Because Springer charges $39.95 for direct download of the PDF of an unsubscribed article, we excluded from consideration those titles whose average cost per use was over $40. We also excluded journals whose average usage was under 100 per year. This left a list of 40 journals with a total cost of $100K.

After factoring article downloads, cost per use, and the Web of Science Impact Factor for the journals, we selected the 32 most used journals and ten of the requested titles. They are listed on the next page. Lists of these 42 subscriptions, and all the journals for which we no longer have current access, will be posted in the Creighton University Digital Repository. The URL will be posted on JayNet News and sent to faculty by email.

The libraries greatly regret the loss of this rich range of journals, but keeping the package would require the loss of other resources that are also needed. The consistent rise of the cost of academic information out of proportion to the wider economy has left us, and many other academic libraries, no choice but to cancel.

See list of renewed journals on the next page.
### Springer journals renewed for 2017

<table>
<thead>
<tr>
<th>Journal Name</th>
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<tr>
<td>The AAPS Journal</td>
<td>Journal of Business Ethics</td>
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<td>AAPS PharmSciTech</td>
<td>Journal of Community Health</td>
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<td>Academic Psychiatry</td>
<td>Journal of Gastrointestinal Surgery</td>
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<td>American Journal of Clinical Dermatology</td>
<td>Journal of General Internal Medicine</td>
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<td>Annals of Surgical Oncology</td>
<td>Journal of Immigrant and Minority Health</td>
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<td>Biodiversity and Conservation</td>
<td>Journal of Neurology</td>
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<td>Breast Cancer Research and Treatment</td>
<td>Journal of Thrombosis and Thrombolysis</td>
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<td>Calcified Tissue International</td>
<td>Knee Surgery, Sports Traumatology, Arthroscopy</td>
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<td>Cellular and Molecular Life Sciences</td>
<td>Langenbeck’s Archives of Surgery</td>
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<td>Clinical Orthopaedics and Related Research®</td>
<td>Maternal and Child Health Journal</td>
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<td>Clinical Pharmacokinetics</td>
<td>Neurocritical Care</td>
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<td>CNS Drugs</td>
<td>Obesity Surgery</td>
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<td>Demography</td>
<td>Osteoporosis International</td>
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<td>Diabetologia</td>
<td>Pharmaceutical Research</td>
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<td>Digestive Diseases and Sciences</td>
<td>Plant Reproduction</td>
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<td>Drug Safety</td>
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<td>Drugs</td>
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<td>Sports Medicine</td>
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<td>Familial Cancer</td>
<td>Supportive Care in Cancer</td>
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<td>Intensive Care Medicine</td>
<td>Surgical Endoscopy</td>
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Spring 17 HSL Education Sessions

Let the Health Sciences Library help hone your research skills and share your work with the world this spring!

**RefWorks & Write & Cite Basics**

Learn how to use RefWorks to build your own database and organize your citations

Wed., Mar. 2nd 3:30-4:30 Thune A & B

Wed., Mar. 8th 4-5 p.m. (Online Session Registration Required)

Fri., Apr. 7th 12-1 p.m. Thune A & B

Wed., Apr. 19th 12-1 p.m. Thune A & B

Fri., Apr. 21st 12-1 p.m. (Online Session Registration Required)

**Searching Medline with PubMed**

Session will focus on tips for searching Medline using the PubMed Interface.

Wed., Mar. 15th 3-4 p.m., Thune A & B

Thurs., May 4th 3-4 p.m., (Online Session Registration Required)

**CINAHL Complete**

Learn about content and searching in CINAHL

Tues., Mar. 7th 3:30-4:30 p.m. Online Session Registration Required)

Thurs., Apr. 6th 12:00-1 p.m. Thune A & B

**Creighton Digital Repository (CDR)**

Explore the many different collections, resources, and documents made available to colleagues, employers, and the world through Creighton Digital Repository.

Fri., Apr. 28th 12:00-1 p.m. Thune A & B

For more information on attending or scheduling a sessions, please contact Jeanne M. Burke, HSL Education Coordinator at (402)280-5143 or jburke@creighton.edu. To register for an online session, call the HSL Reference Desk at (402)280-5138 or email at Ref-desk@creighton.edu.

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**Scopus Database Trial Coming in March**

The Creighton University Libraries will be conducting a public trial (starting in March) of the Scopus database, in comparison with Web of Science, which the libraries have subscribed to for several years. Both are bibliographic databases containing both primary indexing and abstracting, citation indexing, measures of the academic impact of journals, and the possibility of profiling the work and impact of individual authors.

Watch for details regarding the upcoming trial, including informational sessions on both databases. Your participation and input in this trial will be highly valued as the libraries choose between these two databases.
StatPearls is a new website with a mission to provide healthcare professionals with questions to identify knowledge deficits and rapid review chapters to assist in quickly updating medical knowledge. Dr. Scott Plantz, founder of eMedicine and CU alum, is generously providing free access to all Creighton medical professionals and alumni as a thank you for your assistance in the creation of the database. With the creation of your free account you will be able to:

- Access thousands of multiple choice and flashcard questions for all health professionals including physicians, dentists, podiatrist, nurses, and allied health professionals
- Create and assign quizzes with Knowledge Quizzer™, Knowledge Builder™, Knowledge Tester™, or Flashcard Quizzer™
- Receive one question per day via email
- One free eBook in any specialty
- Share quizzes with your peers
- Optional, once you are logged in, consider upgrading to become an author or editor and also receive free CME/CE
Additions to our HSL webpage!

A new Library FAQ has been added, with sections for Students and Faculty. This was an attempt to make useful library service and building info more consolidated and user-friendly. Thanks to Dustin Mass for his contribution to this project, as part of his Practicum experience at the HSL. We are in the process of deleting older pages from the webpage that duplicate the new FAQ.

We also added a new HSL A-Z Database List, which is a tabbed A-Z list of HSL-specific databases. This page’s aim was to make a one-stop guide to the databases our patrons use the most. No more clicking around trying to find a link to Web of Science or Cochrane!

Lastly, all print and e-journal information is located solely within JaySearch, with the available years and format. A new “how to find print journals” guide is also featured on the JaySearch search box, if you find yourself lost and wondering if we have a 1947 edition of the New England Journal of Medicine in print (we do!). The guide will show you how to find those materials.

Links featured:
http://culibraries.creighton.edu/faq
http://culibraries.creighton.edu/hsldatabases
http://culibraries.creighton.edu/printjournals

Dustin Mass is the newest member of the Health Sciences Library staff. He is a Library Specialist with Evening and Weekend Supervisor responsibilities. Among his many duties, Dustin coordinates the Health Sciences Library’s e-reserve service for the health sciences classes.

Dustin is an Omaha native, graduating from Ralston High School. He earned his Bachelor’s degree from the University of Nebraska-Kearney and recently completed his Master’s degree in Information Science and Library Technology from the University of Missouri-Columbia. Dustin also completed a practicum at the Health Sciences Library during the Fall 2016 semester as part of his Master’s program. Prior to joining our staff, Dustin worked for Target Corporation as an Electronics Specialist for eleven (11) years.
Located in the Bio-Information Center (BIC), the Health Sciences Library / Learning Resources Center of Creighton University publishes the **BICInformer** two times a year.

**Editor and Web Distribution:** Judi Bergjord  
**Lay-out, Design, and Distribution:** Sue Chamberlin  
**Contributors:** Jim Bothmer, Jeanne Burke, John Mitchell, Annette Parde-Maass, Bryan Stack, Judi Bergjord

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**Take a break or just fuel up at the Café**  
Located at the top of the spiral stairs  
Health Sciences Library  
Open 7:30 am – 4:00 pm Mon. – Thurs.  
7:30 am – 1:30 on Friday.

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### Regular Hours of Operation

**Health Sciences Library/LRC**
- **Sunday:** 10:00 am – Midnight  
- **Monday–Thursday:** 7:00 am – Midnight  
- **Friday:** 7:00 am – 10:00 pm  
- **Saturday:** 10:00 am – 6:00 pm

**Drug Information & Evidence Based Practice**
- **Monday-Friday:** 8:00 am – 5:00 pm

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### Points of Contact

**Director**  
A. James Bothmer  
jbothmer@creighton.edu

**Telephone:**
- Administration: 402/280-5135  
- Service Desk: 402/280-5109  
- Interlibrary Loan: 402/280-5144  
- Learning Resources Center: 402/280-5109  
- Reference/Information Services: 402/280-5138  
- Digital Collection: 402/280-5142  
- National Network of Libraries of Medicine: 402/280-4156  
- Fax: 402/280-5134

**Web:** [http://www.hsl.creighton.edu](http://www.hsl.creighton.edu)  
**Staff Directory:** [http://hsl.creighton.edu/aboutus/staffdirectory/](http://hsl.creighton.edu/aboutus/staffdirectory/)

**Drug Information & Evidence Based Practice**
- **Telephone:** 402/280-5100, 280-5101  
- **Web:** [http://druginfo.creighton.edu](http://druginfo.creighton.edu)