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Cynthia Robinson
Director's
Note

The Harrell Health Sciences
Library Renovation Update –
Phase III

“renovation and refresh of the 2nd floor study space”

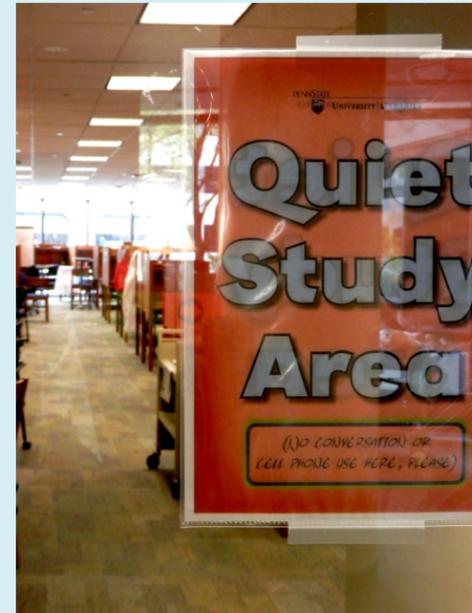
The Harrell HSL will be moving forward with the renovation and refresh of the 2nd floor study space. Included are plans to build a small experimental classroom with a variety of technologies including virtual and augmented reality. We will be replacing the carpet and updating the furniture to reflect the furnishings and color palette we used in the newly renovated first floor. This project will tie the two areas together and make the space feel complete. Furnishings will include a mix of study

carrels, tables and chairs, banquettes, and an area with lounge furniture. We will also be adding a bank of lockers that will be available for storing belongings.

This will be formalized as a quiet study area, and we will create official signage and policies. We understand there are students who desire a very quiet area to study, and we want to make sure we meet that need. The space will continue to be available 24/7.

The library will continue to use the [Harrell HSL Renova-](#)

[tion blog](#), available via the [library website](#), to communicate progress. We will, of course, notify faculty and stu-



dents when we expect construction to begin. Stay tuned for updates as we complete this final phase.



7th Annual Poster Recognition
Awards 2017 READ

Each honoree will be featured on a poster which will be displayed in the library to promote learning and scholarship

The Harrell Health Sciences Library is pleased to announce our 7th Annual Read Poster Recognition Awards Reception.

**Friday,
October 20th
at 4:00 PM**

Light refreshments will be served



Craig Hillemeier, M.D.
Dean, Penn State College of Medicine
Chief Executive Officer, Penn State Health
Senior Vice President for Health Affairs, Penn State



Hector Lopez, M.D.
Associate Professor of Orthopedic Surgery,
Neural & Behavioral Science & Radiology.
Director of Human Structure and Function
Director of Phase I Basic Science Integration



Patricia Silveyra, Ph.D.
Researcher, Assistant Professor of Pediatrics,
Biochemistry, Molecular Biology & Humanities



Ira J. Ropson, Ph.D.
Director, Medical Student Research
Associate Professor,
Biochemistry & Molecular Biology



Timothy Mosher, M.D.
Kenneth L. Miller Chair of Radiology
Distinguished Professor of Radiology & Orthopaedics



Linda D'Ambrosia
Administrative Support Assistant,
Student Affairs

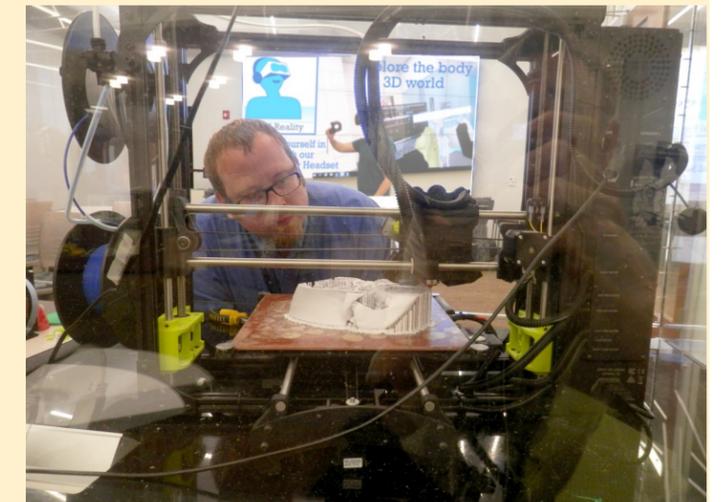


Meet the Tech Team!

Ben Hoover

Access Services & Instruction Librarian, Interim Associate Director

With the number of new and experimental technologies in the library, a Technology Team has been formed to better support and assist faculty, staff, and students. The team is available to help with the [One Button Studio](#), [Technology Innovation Sandbox](#) and [various software](#) installed on computers across the library. [Contact the team](#) to learn more about 3D printing and design, augmented and virtual reality, or motion control. Training on data visualization software is also available. Our goal is to help you seamlessly in-



corporate these technologies into your learning, teaching, or research, and prepare you for the profound effects technology will have on health care in the future.

[Contact us](#) for more information about our services and resources.

Current members of the Technology Team from left to right: Xiaoyu Sun, Petar Georgiev, Ben Hoover, and Seamus Carmichael

Website turns 1 year old...

and it's growing so fast!



Xiaoyu Sun

IT Generalist 4

One year ago we launched our newly redesigned website!

The library's new website launched in September 2016, and since then we have been continuously working on improvements to site content, functionality, and user experience.

Our newest feature is "**Student Tools**."



Look for the green "Student Tools" button on the homepage for quick access to medical curriculum text books, basic science resources, and more. Have an idea for something you think should be included in this section? [Let us know!](#)

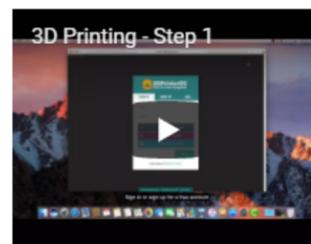
We have also added quick answers to FAQ's within our "**How do I...**" section. Follow the green "How do I..." button on the library homepage to the section called "Check these answers first."

Check these answers first:

- Access library resources from off-campus
- Find a journal article if I have the citation for it
- Find a print book, ebook, DVD, or other item
- Get items PSU libraries do not own

To better help our users with library resources and technologies, we have started adding tutorial videos across our website. Check out the [PubMed videos](#) from the PubMed "Quick Link" on the homepage, or visit our [3D Printing page](#) for help with 3D

2. Prepare model for printing



Sign up for a free account or log into your account on www.3DPrinterOS.com. Once your account is created, email your



Upload your 3D model file. You may upload a .stl, .obj, .amf, .ply, or .gcode file. Choose or drag your saved .stl file to upload it to 3DPrinterOS.

printing. More videos are on the way, so stay tuned!

Wondering how others are using the technologies in the library? We have shared some of our [user stories](#) on the different "[Spaces & Technologies](#)" pages to help inspire you.

User Stories

3D printing to learn anatomy

I used TinkerCad to create the CD model and I found that even my understanding of the anatomy was enhanced.



- Haley Nation

Do you like the new look and feel of the homepage? Did you have trouble finding a library resources? We would really like to learn from your user experiences. We are planning to reach out to you via a series of in-person surveys within the next a few months, so expect to see individuals from the library hosting a stand at different locations on campus. We are looking forward to meeting with you there! Meanwhile, please continue contacting us via phone, emails, or the online via our [Comments & Requests form](#).

Introducing Pure™: Penn State's new research networking tool

Robyn Reed
Biomedical Informatics & Emerging Technologies Librarian

The Office of the Vice President for Research (UP) and the Vice Dean for Research and Graduate Studies (CoM) is rolling out the faculty research networking tool Pure (Elsevier) at the College of Medicine and across Penn State. Pure showcases scholarly output by individuals, colleges, departments, and institutes. Publication and citation information along with collaborators and mentions in the media are the types of output captured by the system.

Pure generates keywords and concepts from individuals' research output, allowing researchers to identify new collaborators across all Penn State campuses. Additionally, Penn State administrators can gain a better understanding of the institution's strengths and determine strategic investments.

Informational sessions on Pure at the College of Medicine are in the planning stages for November. Pure is currently available to the Penn State community while on the campus network and will be publicly available in December. [Check it out!](#)

What we're doing!



Esther Dell attended the FORCE11 Scholarly Communications Institute at the University of San Diego, July 31 – August 4. It was a weeklong intensive summer school covering the latest trends on “new technologies in research flow, new forms of publication, new standards and expectations, and new ways of measuring and demonstrating success that are transforming science and scholarship.”

Robyn Reed co-presented “Capturing, showcasing, and measuring research impact among biomedical researchers” at the Transforming Research Conference in Baltimore, MD in October. (presenters: Sarah Bronson, Associate Dean for Interdisciplinary Research; Joan Concilio, Web Content and Design Specialist for Research).

Brad Long’s article “Addressing a discovery tool’s shortcomings with a supplemental health sciences-specific federated search engine” was published in the *Journal of Electronic Resources in Medical Libraries*, 14 (3): 1-13. DOI: <http://dx.doi.org/10.1080/15424065.2017.1368425>

New role for Dr. Adams at the College of Medicine

Nancy Adams has recently changed roles within the library to take on a new role in medical education. As Director of Foundational Medical Sciences for the medical curriculum reporting to the Associate Dean for Medical Education, she will oversee the Phase 1 curriculum, ensuring continuous quality improvement of courses and consistency across courses. This role represents 70% of her position, with the other 30% of her position in the role of Librarian for Education and Instruction. In the library, she will continue to coordinate the library’s educational mission, teach in the evidence-based medicine curriculum, and guide medical education researchers in literature searching.

Ben Hoover is the library’s interim Associate Director while a national search is conducted for this position.



New Student Tools section on the website



Marie Cirelli
Collection Access
&
Support
Service Librarian

...Did you know your librarians create webpages for easy access to library resources for medical students? Did you know there is now a one stop shop for all of these pages? Check out [Student Tools](#) on the library website homepage! Pages include:

- [Anatomy Learning Tools](#)
- [Basic Science Resources for Medical Students](#)
- [Copyright](#)
- [How Do I Search PubMed Like an Expert?](#)
- [How Do I Showcase My Career Online?](#)
- [Medical Curriculum Text Books](#)
- [Physician Assistants](#)
- [Point of Care \(EBM\) Tools](#)

Something you would like to see here?
[Let us know!](#)

An advertisement for Adobe Creative Cloud. The background features several hot air balloons in various colors (red, orange, green, blue) floating over a landscape with a small wooden house. The text "Adobe Creative Cloud" is at the top. In the center, the word "FREE" is written in large, white, bold letters. To the right of "FREE" are icons for Photoshop (Ps), Illustrator (Ai), and InDesign (Id). On the left, it says "20 powerful Adobe applications like Photoshop, InDesign, Illustrator and more." At the bottom, it says "TO ALL STUDENTS AND FACULTY".

A screenshot of the Penn State Harrell Health Sciences Library website. The page has a dark blue header with the Penn State logo and navigation links like "About", "Resources", "Services", and "Tech Help". Below the header is a search bar and a "FIND" section with tabs for "E-Journals", "Databases", "Books, Articles and More (LionSearch)", and "Site Search". There is a search input field and a "Quick Links" section with various links. A red arrow points to the "Student Tools" link in the Quick Links section. At the bottom, there are sections for "Get Started With ..." and "Book a Room" with icons for "Group Study Room", "One Button Studio", "Post Production Macs", and "Technology Sandbox".

Library hosts Nursing Liaison Day



Amy Knehans
Clinical Outreach,
Liaison &
Instruction Library

On August 7, 2017 the Harrell Health Sciences Library: Research and Learning Commons hosted an event supported by PSU University Libraries bringing together PSU Nursing Liaison Librarians. The event was jointly planned by Amy Knehans (Hershey), Christina Wissinger (UP), Val Lynn (Hazleton), and Nancy Adams (Hershey). There were 20 people in attendance including a diverse panel of speakers:

*Mary Lou Kanaskie, PhD, RN-BC, AOCN Research Nurse Scientist,
Milton S. Hershey Medical Center*

Bonnie Pugliese, RN/CPN, Staff Nurse Pediatric Acute Care, Milton S. Hershey Medical Center

Leslie G Womeldorf, MSN, MEd, RN, Nursing Instructor, Hershey, Penn State College of Nursing

Ann Kolanowski, PhD, RN, FAAN, Professor of Nursing and Psychiatry, PSU Center for Nursing Research

Cathleen Dillen, MS, RN-BC, AOCNS, ACNS-BC Nursing Instructor, Penn State College of Nursing, Altoona.

Speakers shared their perspectives on the types of information nurses use daily and how they apply it. They also discussed what kind of evidence-based practice skills they expect of practicing nurses, students and researchers. Attendees toured the Penn State Hershey Simulation Center, reviewed clinical information resources available through University Libraries and ended the day by identifying strategies to improve collaboration efforts and knowledge-based information and instructional services for nurses and nursing students at Penn State. Future goals include events that will allow PSU nursing faculty and librarians to continue to strengthen their partnerships.



VR applications for science and medicine



Seamus Carmichael
Circulation Lead

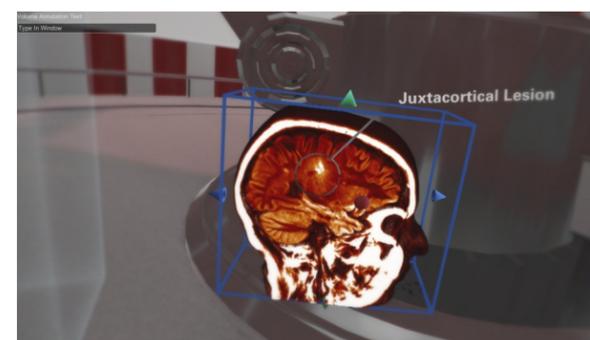
Visit the Technology Sandbox to explore human anatomy with virtual reality. Strap on the Vive headset and you can pick your way through the structures of the human body, have a detailed look at the eye, or construct molecules.

3D Organon VR Anatomy



Manipulate bones, muscles, vessels, organs and other anatomical structures in a 3D space. Examine them from all angles, read or hear anatomical terminology, and study descriptive texts.

Body VR: Anatomy Viewer



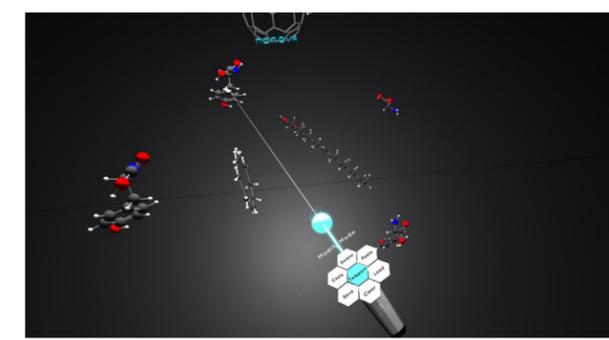
Display 3D images generated from traditional CT/MRI scans. Scale, rotate, and crop scans freely in the 3D space. Tag specific areas within a scan to indicate lesions and tumors. Volumes can be saved and uploaded.

Physiology of the Eye



Interactive VR platform for the eye. Real-time and interactive training modes guide you through visual content. Includes an interactive testing and assessment system.

Nano-One



Draw molecular structures with a set of organic elements allowing annotation or drawing in the 3D space. Take screenshots of your work to share your creations. Includes sample 3D molecules.



RSVP to events using the Library's events [calendar](#)



Searching Pubmed Like an Expert

Date: Wednesday, October 25, 2017
Time: 12:00pm - 1:00pm
Location: C2610 Computer Classroom

Led by Marie Cirelli; Join us for a 1 hour workshop that will give you the skills to search PubMed like an expert. Objectives include: Understanding the use of MeSH for searching PubMed, locating MeSH terms and building a search, and applying subheadings and filters to narrow search results.



IACUC Monthly Searching Webinar

Date: Tuesday, October 31, 2017; Tuesday, December 5, 2017
Time: 11:00am - 12:00pm
Location: Online

Led by Lori Snyder; Struggling with your search for alternatives to potentially painful procedures for your IACUC protocol? Join us for tips on producing your search and completing the search section of the form. There will be plenty of time for questions!



Citation Management with Mendeley Webinar

Date: Wednesday, November 1, 2017
Time: 12:15pm - 12:45pm
Location: Online

Led by Ben Hoover; Mendeley saves you time by properly formatting your citations. Learn how to import references from PubMed and Google Scholar and then use the Mendeley Microsoft Word plugin to insert citations into your document and create a bibliography.



How to Be Copyright Compliant in Teaching and Presenting

Date: Wednesday, November 8, 2017
Time: 12:15pm - 12:45pm
Location: Online

Led by Esther Dell; Did you ever wonder whether it was OK to use that chart or photo in your conference presentation? How about distributing that journal article or using that multiple choice question that you found in a textbook? Join Esther Dell, the library's copyright expert, to discuss these questions. There will be plenty of time to ask some of your own, too



EndNote Web Basic: 2 choices

Date: Tuesday, November 7, 2017
Time: 12:15pm-12:45pm
Location: Online

Date: Thursday, November 9, 2017
Time: 12:00pm - 1:00pm
Location: C2610 Computer Classroom

EndNote Web saves time by properly formatting your citations. Learn how to import references from PubMed and Google Scholar and then use Cite While You Write to insert citations into your document and create a bibliography. EndNote Web is FREE!



Visualizing Your Data With R

Date: Tuesday, November 14, 2017
Time: 12:00pm - 1:00pm
Location: Library Technology Sandbox

Led by Ben Hoover; Introductory class on data visualizations in R using Rstudio. Join us in exploring the capabilities of R and Rstudio. Learn how to create basic charts and graphs. This class will explore visualizations using GGLOT and others.



NVIVO Basics for Qualitative Data Analysis

Date: Wednesday, November 15, 2017
Time: 12:15pm - 12:45pm
Location: Library Technology Sandbox

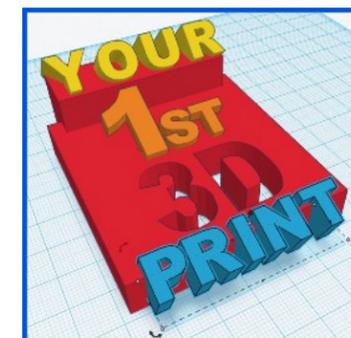
Led by Nancy Adams; This FREE workshop will show you how to use NVIVO--a software package available to use FREE in the library-- to manage, code, and analyze your qualitative data from interviews, focus groups, surveys, and more. Learn how to load data sources into NVIVO, set up a codebook, code your data, annotate your data, and explore your coding using reports, queries, and other features.



Web of Science Tools & Tricks Webinar

Date: Friday, November 17, 2017
Time: 12:15pm - 12:45pm
Location: Online

Led by Marie Cirelli; Join us for a lunchtime lecture to learn some tips and tricks for using Web of Science. Objectives include: Building a search in WOS using Boolean operators and truncation, applying filters to narrow down your search, and locating high impact journals using Journal Citation Reports.



Make Your Own 3D Model

Date: Tuesday, November 21, 2017; Tuesday, December 19, 2017
Time: 12:00pm - 1:00pm
Location: Library Technology Sandbox

Led by Seamus Carmichael; A FREE hands-on session in which you will design your own 3D model using the web based app TinkerCad. Participants will explore basic concepts in 3D modeling to design their own 3D model. They will also be shown how to export and prepare their models to use with the library's new 3D printing service. Bringing your own laptop and mouse is highly recommended. The first six participants will be reserved a PC/Laptop.



PennState
College of Medicine

Harrell Health Sciences Library
Research and Learning Commons

Visit us on the Web: med.psu.edu/library

Feedback is welcome! Email the editor: [Marie Cirelli](mailto:Marie.Cirelli)

Graphics by Seamus Carmichael