HSLIC Home-Page Announcement Posted in 2017

Learn How to Use Zotero for Citation Management on Wednesday, January 18th

January 2, 2017

Our next Zotero training class will be held on Wednesday, January 18th, from 10 to 11 a.m. in room 226 of the library.

Zotero is a research tool that enables you to gather, organize and analyze sources and then share the results of your research. It’s the only research tool that automatically senses content in your web browser, allowing you to add it to your personal library with a single click.

In this session, you will learn how to create a free Zotero account, install the necessary software on your computer, import citations from a variety of databases, use Zotero with Google Scholar and capture website information from non-academic databases or resources. The session includes a hands-on component that lets you practice skills such as creating bibliographies and in-text citations. Please pre-register in our Zotero LibGuide.

Lecture by Jane Chung, PhD, RN, to Focus on Sensor Technologies on Thursday, Feb. 2

January 2, 2017

On Thursday, February 2nd, Jane Chung, PhD, RN, will deliver a talk at the library. Her topic is the role of sensor technologies in monitoring daily activities and mobility of older adults. These technologies can improve the quality of life for older adults and enable them to age in place.

Dr. Chung, an Assistant Professor at the UNM College of Nursing, will present findings from two research projects. These studies are testing the feasibility of a home-based sensor system and wearable motion sensors for community-dwelling older adults. She will describe different types of sensor technologies and their uses in various settings. She also will cover issues that can potentially affect older adults’ acceptance of sensor technologies.

The talk will be held in room 228 of the library from 10 to 11 a.m. Everyone is invited to attend. This lecture is part of HSLIC’s Biomedical Informatics Seminar Series (BioMISS).
Stuart Nelson, M.D., to Discuss the History of Informatics at HSLIC on January 19th

January 2, 2017

On Thursday, January 19th, Stuart Nelson, MD, FACP, FACMI, a Visiting Professor at HSLIC and the UNM Department of Internal Medicine, will present his personal view of the history of informatics.

While teaching and practicing general internal medicine, Dr. Nelson became interested in informatics and was one of the original designers of the Unified Medical Language System (UMLS). He was Head of Medical Subject Headings (MeSH) at the National Library of Medicine (1996–2015), where he converted MeSH into a concept-oriented vocabulary, developed the widely used graphical interface MeSH browser, contributed to the reinvention of the indexing process at the Library and designed several methods for finding previously unrecognized synonymy in the UMLS.

Dr. Nelson designed a terminology of clinical drugs, RxNorm, which is the national standard for communicating about prescription drugs. He was elected a Fellow of the American College of Medical Informatics in 2001.

The lecture, which is part of HSLIC’s Biomedical Informatics Seminar Series (BioMISS), will be held in room 228 of the library from 10 to 11 a.m. Everyone is invited to attend.
HSLIC Sponsors Book Drive for College in Malawi

January 9, 2017

By Friday, April 7th, HSLIC is hoping to collect 300 to 500 health sciences books published in the past 5 to 15 years to send to the Malawi College of Health Sciences in Blantyre, Malawi. We have placed a donation bin in the library lobby. We also need to collect $1,500 to cover shipping costs.

HSLIC faculty members Laura Hall and Karen McElfresh are organizing this book drive for the college in Malawi. They are partnering with Patricia Repar, who is an Associate Professor in the UNM Departments of Music and Internal Medicine and the director of the Arts-in-Medicine Program at UNM Hospitals and the African Library Project. For the past 10 years, Dr. Repar has been working with health care workers and artists in Sub-Saharan Africa to further develop and expand the role of arts in healing and health care.

The Malawi College of Health Sciences serves more than 700 students, as well as health care professionals from the neighboring Queens Hospital. The library currently has only 800 books, most of which are outdated or in poor condition. This means that students and providers do not have access to current information, which diminishes health care quality in Malawi.
The Malawi College relies on student fees to meet operational costs, with minimal subvention from the central government. However, these funding sources are insufficient for purchasing textbooks, so the library relies on donations alone. A Senior Assistant Librarian is in charge of the library in Blantyre, and a Head Librarian is based in Lilongwe.

Please review our guidelines for more information about the drive, including the types of books we want to collect.

The African Library Project, which was founded in 2005, is dedicated to ending the cycle of poverty and illiteracy in Africa. By donating books to the Malawi College of Health Sciences, we can make a profound difference to the students and health care professionals who rely on the library for their information needs.

If you have questions or comments, please contact Karen McElfresh or Laura Hall at HSLIC.
How Clinical Decision Support Impacts Patient Safety: Meghan Brett, MD, March 16th

February 1, 2017

On Thursday, March 16th, the library will host a lecture by Meghan Brett, MD. She is an assistant professor in the UNM Department of Internal Medicine and a hospital epidemiologist for UNM Hospitals.

The title of her talk is "How Clinical Decision Support Impacts Patient Safety: Real-World Examples from UNMH Infection Control and Antimicrobial Stewardship.”

This lecture is part of our Biomedical Informatics Seminar Series (BioMISS). It will be held in room 228 of the library from 10 to 11 a.m. Everyone is invited to attend.
On Thursday, February 16th, Scott Ness, PhD, will discuss how constraints of technology limit research. Dr. Ness is the Victor and Ruby Hansen Surface Endowed Professor in Cancer Genomics and a UNM professor in Internal Medicine and Molecular Medicine.

Personalized medicine has ushered in a new era of medical care in which genomic analyses of patient samples provide detailed information for customizing treatment. Currently, most approaches used for personalized medicine analyze only relatively small panels of genes or limit the types of data to a few simple tests that can be distilled easily into a pathology report. However, research uses of genomic data are pushing the limits of our technologies; current network and computing capabilities can be insufficient.

Dr. Ness will discuss some examples of personalized medicine that have been used successfully at the UNM Comprehensive Cancer Center, some new types of assays that use genomic data in unusual ways and the challenges we face as we move toward trying to analyze larger data sets. This lecture is part of our Biomedical Informatics Seminar Series (BioMISS). The presentation runs 10–11 a.m. at HSLIC, room 228. Everyone is invited to attend.
Next Zotero Class for Citation Management on Thursday, February 16th

February 1, 2017

Our next Zotero training class will be held on Thursday, February 16th, from 2 to 3 p.m. in room 226 of the library.

Zotero is a research tool that enables you to gather, organize and analyze sources and then share the results of your research. It’s the only research tool that automatically senses content in your web browser, allowing you to add it to your personal library with a single click.

In this session, you will learn how to create a free Zotero account, install the necessary software on your computer, import citations from a variety of databases, use Zotero with Google Scholar and capture website information from non-academic databases or resources. The session includes a hands-on component that lets you practice skills such as creating bibliographies and in-text citations. Please pre-register in our Zotero LibGuide.
January Subject Guide Provides Resources for Health Issues

February 11, 2017

January marks the following observances to bring awareness to important health concerns:

- Cervical Health Awareness Month
- National Birth Defects Prevention Month
- National Drug and Alcohol Facts Week (last week of January)
- National Folic Acid Awareness Week (first week of January)
- National Glaucoma Awareness Month
- National Radon Action Month
- National Stalking Awareness Month
- National Winter Sports TBI Awareness Month
- Thyroid Awareness Month

This month’s observances subject guide from HSLIC includes helpful videos and other resources on these topics.
January-February Issue of Library Newsletter Available Online

February 22, 2017

The January-February issue of our bimonthly newsletter is now available. In this issue of *adobe medicus*, you can read about HSLIC's new online system for reserving study rooms, the recent Native Health Database Advisory Board meeting, evidence mapping, the new Clinical Informatics Fellow in the UNM Department of Internal Medicine in partnership with HSLIC and more.
Medical Director of IT Services at UW Medicine to Discuss CMIO Role on April 6th

March 6, 2017

The role of a chief medical information officer (CMIO) in a health care organization is the focus of a talk at HSLIC on Thursday, April 6th. The lecture will be held from 9:30 to 10:30 a.m. in the Domenici Center for Health Sciences Education, room 3010.

The CMIO role is somewhat new. It emerged as health care information technology began to evolve, changing the responsibilities of physician leaders in significant ways.

The U.S. government’s call for a nationwide record-keeping system for health records has led to increased use of electronic health records (EHR), or electronic medical records (EMR), in health care systems. A CMIO, sometimes called an “informatics” officer or director, is a health care executive who is responsible for a health care organization’s design, implementation and use of technology.

The speaker is Thomas Payne, MD, FACP, FACMI, RFCP (Edin.). Since 2000, he has served as the Medical Director of IT Services for UW Medicine at the University of Washington in Seattle. He also is a professor of medicine and an adjunct professor in Health Services and in Biomedical Informatics & Medical Education. In addition, he is an attending physician in medicine at the University of Washington Medical Center and Harborview Medical Center.
Dr. Payne’s talk is titled “Observations on the Evolution of the Role of CMIO from 1997 to 2017 and Predictions for the Next Decade.” He will discuss the evolving need and demand for CMIOs, as well as the growth of corresponding roles such as chief clinical informatics officer, chief nursing informatics officer, chief process and innovation officer and chief health information officer. Dr. Payne will answer the question “Has the pendulum swung too far or not enough?”

Previously, Dr. Payne led the installation of the Veterans Administration CPRS Electronic Medical Record at VA Puget Sound in Seattle. In 2000, that facility was awarded the Nicholas E. Davies CPR Recognition Award. He has been elected twice to the board of directors and is now board chair of the American Medical Informatics Association (AMIA). He has served on the editorial board of the *Journal of the American Medical Informatics Association* and as a fellow of the Royal College of Physicians (Edinburgh). He also served as chair of an AMIA 2020 Task Force.

Dr. Payne is the author of more than 70 articles in his field and edits the book *Operating Clinical Computing Systems in a Medical Center*, now in its second edition. His research interests include natural language processing and electronic documentation in electronic health records (EHR).

He attended Stanford University and the University of Washington School of Medicine, completed his internal medicine residency at the University of Colorado and completed a fellowship at Massachusetts General Hospital in the Harvard Medical Informatics Fellowship program. He is board-certified in internal medicine and clinical informatics.

This lecture is part of HSLIC’s Biomedical Informatics Seminar Series (BioMISS). Since 2004, HSLIC has hosted this program to stimulate interest in biomedical informatics and provide the UNM Health Sciences Center community with a forum for discussion on salient topics in biomedical informatics. Informatics is the science of managing information for health care, research, education and administration by applying, integrating and evaluating information technology.

For more information, contact Gale Hannigan, PhD, at (505) 614-6418.

Visitors to the lecture may park in UNM’s “M” lot at Tucker and Yale and use metered parking. For details about visiting the library, refer to the Health Sciences Center map and HSLIC parking and driving directions.
Tech Challenges in Using Clinical Data for Research Focus of Lecture at Library on April 20th

April 2, 2017

On Thursday, April 20th, the library will host a lecture by Michael Bernauer, PharmD, our current Biomedical Informatics Fellow. His lecture, titled “Using Clinical Data for Research: Technological Challenges,” is part of the library's Biomedical Informatics Seminar Series (BioMISS).

In recent years, we have seen an extraordinary increase in the availability of patient-level health data. This is due, in part, to the increasing prevalence of Health IT and electronic health records (EHRs) in the clinical setting, as well as emerging wearable technologies that allow collection of patient-generated health data on a scale we’ve never seen.

Research using EHRs often involves the secondary analysis of health records that were collected for clinical and billing (non-study) purposes. As a result, these data can have many quality and control issues that must be addressed prior to analysis. In this presentation, Michael will discuss issues that can arise when attempting to use clinical data for research. He also will discuss secondary use of clinical data and associated challenges, provide an overview of existing clinical databases (e.g., MIMIC, PCORnet, Open NHS) and review some of types of bias that may be present in clinical data.

Michael’s talk will be held in room 228 of the library from 10 to 11 a.m. Everyone is invited to attend.
On Thursday, May 4th, Susan Smolinske, PharmD, DABAT, will discuss three poison center databases that can be mined for research purposes. Dr. Smolinske is the director of the New Mexico Poison and Drug Information Center and a professor of pharmacy practice and administrative sciences in the UNM College of Pharmacy.

She will discuss the differences among the RADARS, Toxics and NPDS databases, describe the limitations of poison center data and explain how to request poison data for research.

The talk will be held from 10 to 11 a.m. in room 228 of the library. It is part of the library’s Biomedical Informatics Seminar Series (BioMISS) program. Everyone is invited to attend.
Library Compiles Subject Guide for Alcohol Awareness Month

April 10, 2017

April is Alcohol Awareness Month. This month’s observances subject guide from HSLIC includes helpful videos, tools, kits, lists of state and local treatment centers and other resources on this topic.

Each April since 1987, the National Council on Alcoholism and Drug Dependence, Inc. (NCADD) has sponsored Alcohol Awareness Month to increase public awareness and understanding, reduce stigma and encourage local communities to focus on alcoholism and alcohol-related issues. Using this year’s theme, “Connecting the Dots: Opportunities for Recovery,” local, state and national organizations are hosting events aimed at educating people about the treatment and prevention of alcoholism.

This subject guide also lists many other health and wellness topics for which April is the annual awareness month.

Questions? Contact Michelle Green, HSLIC’s Instructional Services Librarian, at 272-0639.
Reserve Library Study Rooms Online Using New System

April 10, 2017

HSLIC has launched an automated reservation process for study rooms in the library. For HSC students, this is the same system used by UNM University Libraries.

Students with an HSC NetID will go to http://goto.unm.edu/hslic-studyrooms to use the new system. Students with only a UNM NetID will go to http://unm-health.libwizard.com/unm-students to submit a reservation request form.

Also, students may now reserve room 223, the New Mexico Health Historical Collection Room. Adjacent to the HSLIC public computing area, this room features a touch-screen monitor and table seating for eight.
Submit Your Creative Work for Publication by Friday May 12th

April 11, 2017

The literary journal for the UNM Health Sciences Center is now seeking submissions from all members of the HSC community. We encourage students, staff, faculty, residents, nurses and patients to submit their work to *Medical Muse* — poetry, fiction, memoirs, essays, photography and fine art. The submission deadline for the next issue is Friday, May 12. Please send your submissions to medicalmuse@salud.unm.edu.

The literary journal is devoted to the inquiries, experiences and meditation of the INM Health Sciences Center community. To get an idea of the types of content we publish, read previous issues.

For more information, contact Laura Hall at 272-6518.
The March-April issue of our bimonthly newsletter is now available. In this issue of *adobe medicus*, read about refinements to HSLIC’s new online system for reserving study rooms, the 2017 HSLIC student award winners, the new UNM Digital Repository and more.
Dennis Raisch, PhD, RPh, to Discuss Adverse Drug Reactions at Library on May 18th

May 8, 2017

On Thursday, May 18th, Dennis Raisch, PhD, RPh, will present the final lecture in our Biomedical Informatics Seminar Series, or BioMISS. He is a professor of pharmacy practice and administrative sciences in the UNM College of Pharmacy.

Dr. Raisch’s presentation is titled “Using the FDA’s Adverse-Event Reporting System to Identify Post-Marketing Signals of Serious Adverse Drug Reactions.” The presentation runs from 10 to 11 a.m. in room 228 of the library. Everyone is invited to attend.
UNM Libraries Seek Feedback About Scopus as an Alternative to the Web of Science

May 11, 2017

Through June 20th, HSLIC and UNM University Libraries are offering a trial of the Scopus database as an alternative to the Web of Science database.

Scopus, offered by Elsevier R&D Solutions, is the largest abstract and citation database of peer-reviewed literature. You can use it to find answers to questions outside your core subject area, gain competitive insights and identify experts in a specific field.

This transition has the potential for significant cost savings. Moving from Web of Science to SCOPUS, a similar tool, may allow us to minimize the cuts we will have to make to the purchase of books, journals and databases.

We are offering two trials of the Scopus database so you will have an opportunity to test it and provide feedback. The current trial ends on June 20th, and the second trial runs from September 1st through October 15th.

Because we realize how important the Web of Science is to researchers, we are not taking the potential switch lightly. Your feedback will help us decide which database more researchers prefer. We encourage you to review the Scopus trial and the Web of Science and then complete our survey to let us know your thoughts. Or you can send your feedback to librarytrial@unm.edu.

Laptops, iPads and Other Items Available for Four-Hour Checkout at HSLIC Service Point

May 18, 2017

Need a laptop for just one class or meeting? HSLIC has eight Dell Latitude E5440 laptops for checkout at the Service Point. They are available for four-hour checkout to UNM students, faculty and staff with an HSC badge or UNM LoboCard. If you don’t have an HSC NetID, you can get a guest user name and password at the HSLIC Service Point.

Also available for checkout are iPads, headphones, a digital camera, a portable AV set with a microphone, an audio recorder, laser pointers, Mac and PC adapters, and dry-erase marker sets.

Questions? Call the HSLIC Service Point at 272-2311.
Second-Floor Reading Room Now Updated and Features a New Exhibit About Wartime Medical Advances

June 1, 2017

The New Mexico Health Historical Collection (NMHHC) reading room on the second floor of the library recently received a facelift. The room now has new cork flooring and technology that is compatible with current campus needs.

The room was built in the 1980s to enable researchers to review the history of health and health care in New Mexico and the Southwest.

A new exhibit, “Price of War: Medical Advances During Wartime,” was installed with the reopening of the room. The exhibit explores how war is often associated with new discoveries in health care. Many of these discoveries have had a significant impact on our understanding of the human body and mind. The exhibit highlights several important writings, photographs and artifacts. It also features Lovelace and Sam White historical collections specific to World War II and its connection to New Mexico and the emergence of space medicine.

The NMHHC documents the history of health in the state and the Southwest by collecting and preserving materials that include oral histories, organizational records, rare books, photographs, artifacts and a monograph collection.

The room is now equipped with a 60-inch touchscreen monitor and built-in workstation. This technology allows researchers to explore HSLIC’s online collections easily and will give students a new experience for practicing presentations or holding group study sessions. The touchscreen monitor can serve as a digital whiteboard or allow for on-the-fly annotation of documents and PowerPoint presentations. Instructions for using the new monitor and workstation are located on the room’s conference table.

When not in use by researchers of the historical collections, students may reserve the room through the library’s online reservation service. Access to the collections is provided by appointment only. If you want access to the historical collections, please contact Laura Hall, (505) 272-6518.
The May-June issue of our bimonthly newsletter is now available.

In this issue of *adobe medicus*, read about the role of a HSLIC Envoy, remodeling of the New Mexico Health Historical Collection reading room, revisions to the library’s Interlibrary Loan service, a trial of Scopus that University Libraries are offering as a potential replacement of the Web of Science databases and more.
Albuquerque Group Displays New Exhibit in Conjunction with HSLIC

June 29, 2017

A new multimedia art exhibit will open on Friday, July 7th, in the Domenici Center. “True Self Project,” an Albuquerque community-based group, is displaying the exhibit in conjunction with HSLIC through December 15th.

The “True Self Project” is designed to address the intergenerational effects of trauma. It is a prevention–intervention program built on the most current research. The artists featured in the exhibit have created art that reflects on the nature of their true and false selves. The exhibit is installed in the lobbies of the east and west buildings of the Domenici Center. The building is open Monday through Friday from 8 a.m. until p.m.

For more information about the exhibit, please email Laura Hall or call 272-6518.
The July-August issue of our bimonthly newsletter is now available.

In this issue of *adobe medicus*, read about copyright law, the Domenici Center expansion, the UNM Digital Repository, a new exhibit that addresses the intergenerational effects of trauma and more.

**Zotero 5.0 Basics – 8/24, 2-3 p.m.**

August 22, 2017

HSLIC is offering a basic tutorial on the citation manager Zotero 5.0 on Thursday, August 24th from 2:00 – 3:00 p.m. in the library’s 226 electronic classroom. This training session is open to all HSC students, faculty and staff who are new to Zotero or need a refresher. Register for this free session.
2017-18 Biomedical Informatics Seminar Series (BioMISS) Schedule Now Available

September 8, 2017  The schedule for the 2017-18 HSLIC Biomedical Informatics Seminar Series (BioMISS) is now available on the HSLIC website at http://hslic.unm.edu/about-hslic/brochures/BioMISS_Schedule_2017-18.pdf. For questions regarding the BioMISS, please email Michael Bernauer at bernauer@salud.unm.edu.

True Self Project Art Exhibit Reception Sept 21 5-8 PM

September 11, 2017

There will be a reception for The True Self Project: An Exhibit of the True Self in Art on Thursday, September 21st from 5:00 - 8:00 PM in the lobby of the West Wing of Domenici Center. The reception is free and open to the public. There will be light refreshments and music.

The True Self Project is designed to address the intergenerational effects of trauma. It is a prevention–intervention program built on the most current research. The artists featured in the exhibit have created art that reflects on the nature of their true and false selves. The exhibit is installed in the lobbies of the east and west buildings of the Domenici Center. The exhibit will run through December 15, 2017.

For more information about the exhibit, please email Laura Hall or call 272-6518.
UNM Libraries Seek Feedback About Scopus Abstract and Citation Database as an Alternative to the Web of Science

September 14, 2017

Through October 15th, HSLIC and UNM University Libraries are offering a trial of the Scopus database as an alternative to the Web of Science database.

Scopus, offered by Elsevier R&D Solutions, is the largest abstract and citation database of peer-reviewed literature. You can use it to find answers to questions outside your core subject area, gain competitive insights and identify experts in a specific field.

This transition has the potential for significant cost savings. Moving from Web of Science to Scopus, a similar tool, may allow the libraries to minimize the cuts they will have to make to the purchase of books, journals and databases.

Because we realize how important the Web of Science is to researchers, we are not taking the potential switch lightly. Your feedback will help us decide which database more researchers prefer. We encourage you to review the Scopus trial and the Web of Science and then complete our survey to let us know your thoughts. Or you can send your feedback to librarytrial@unm.edu.
Lobo Reading Experience Kit for Just Mercy Available at HSLIC

September 18, 2017

The Lobo Reading Program and University Libraries have provided HSLIC with a group kit containing 10 copies of this year’s Lobo Reading Experience book, *Just Mercy* by Bryan Stevenson. The Lobo Reading Experience program is an initiative of the Provost’s Office to help students explore new ideas and engage with diverse perspectives. Each year, a book is selected that touches on social issues and current events. *Just Mercy* describes Stevenson’s experiences as a young lawyer in the American criminal justice system. The group kit is available on the HSLIC reserve shelf and can be checked out for two weeks. Please inquire at the HSLIC Service Point if you are interested in using the kit. For more information about the Lobo Reading Experience and this year’s book selection, please visit [http://libguides.health.unm.edu/newmaterial](http://libguides.health.unm.edu/newmaterial).
Library newsletter features Domenici Center and Health Literacy

September 26, 2017

The September-October issue of HSLIC's bi-monthly newsletter, *adobe medicus* is now available online at [http://digitalrepository.unm.edu/adobe-medicus/89](http://digitalrepository.unm.edu/adobe-medicus/89).

This issue features the new classroom building in the Domenici Center of Health Sciences Education. It also includes feature articles on health literacy, the Lobo Reading Program and HSLIC’s partnership with the UNM Center for Native American Health. For more information about *adobe medicus*, please contact Sally Bowler-Hill at sbowler-hill@salud.unm.edu.

New Subject Guide Promotes LGBTQ Health and Well-Being

September 27, 2017

HSLIC’s newest subject guide promotes the health and well-being of the LGBTQ+ community, with information for health professionals, consumers, and educators. Check out LGBTQ+ Health Resources at [http://libguides.health.unm.edu/lgbtq](http://libguides.health.unm.edu/lgbtq). For more information, please contact Michelle Green, MA, MLIS, Instructional Services Librarian at MPGreen@salud.unm.edu.
Agencies and foundations are investing in new research, including the collection and storage of an explosion of environmental data. These large volumes of data are required to answer some of the most pressing ecological challenges, yet such globally distributed data can be difficult for researchers, educators and others to discover, access, and integrate. DataONE addresses these challenges by providing a single search interface that allows discovery of content from an ever-growing collection of data repositories. Researchers no longer need to search across multiple platforms at multiple sites, saving time and effort, and helping researchers achieve greater efficiency and productivity. The future of open-access data is ripe for development. DataONE is poised to act as a leader in this field, already shaping the future of data management through development of common standards. DataONE has high quality resources for training in data management including teaching material, webinars, and a database of best-practices to improve researcher’s methods for data sharing, enabling them to meet funder requirements.

The presentation runs from 10-11 a.m. at the Health Sciences Library and Informatics Center, room 228. This lecture is part of the library's Biomedical Informatics Seminar Series (BioMISS). For a complete list of seminar speakers and dates, please visit http://hslic.unm.edu/about-hslic/brochures/BioMISS_Schedule_2017-18.pdf.
October is Health Literacy Month! View First Health Literacy Literature Search

October 2, 2017

October is Health Literacy Month. No longer considered solely an individual characteristic, health literacy is conceptualized as the intersection of the individual patient’s ability and the complexity of health information and the health care system (Pleasant et al., 2016). An individual’s health literacy is not static. Situational factors such as pain, fear, and fatigue affect a patient’s ability to comprehend health information, make health decisions, and act on those decisions (Pleasant et al., 2016).

Low health literacy is associated with a number of adverse health events, including

- Poorer health status
- Taking medications incorrectly
- Use fewer preventative services
- Inappropriate emergency room use (Berkman et al., 2011)

During Health Literacy Month, the UNMH Health Literacy Task Force will offer a series of literature searches highlighting up to date research in this area. Our first PubMed search focuses on health literacy research conducted in New Mexico.

Week 1 Literature Search

PubMed Search Results on Health Literacy Research Conducted in New Mexico

- Ginossar, Tamar, Sayyed Fawad Ali Shah, Andrew J. West, Joshua M. Bentley, Charlene A. Caburnay, Matthew W. Kreuter, and Anita Y. Kinney. “Content, Usability, and Utilization of Plain Language in Breast Cancer Mobile Phone Apps: A Systematic Analysis.” JMIR MHealth and
References
In our Health Literacy Month literature search last week, we featured research conducted in New Mexico. You might think that your patients are “smart,” and don’t require plain language communication. However, even educated patients can have low health literacy, especially if they are experiencing pain, fear, or fatigue.

This week, we feature literature from a variety of disciplines, which have reported the rates of low health literacy of the study sample. The rate of low health literacy among the subjects in these studies ranged from 27.5-62.5%. This is consistent with the 2003 National Assessment of Health Literacy, which showed that 36% of America’s adults had inadequate health literacy (Kutner, Greenberg, Jin, and Paulsen, 2006). Patients with limited health literacy have difficulty with even basic tasks, such as finding appointment information on an appointment slip or understanding a very simple document (Kutner et al., 2006).

**Week 2 PubMed Search: Studies That Report Health Literacy Rates**


References

On Thursday, Oct. 19, Gary Rosenberg, MD, Professor of Neurology, will discuss Biomarkers and Machine Learning in Diagnosis of Dementia.

As the population ages, diseases causing dementia will have a major social and financial impact. Vascular cognitive impairment dementia (VCID) and Alzheimer's disease (AD), the two major causes of dementia, overlap in the early stages, confounding diagnosis when treatments would be most effective. Biomarkers obtained from clinical, imaging, and cerebrospinal fluid studies relate to the brain pathology, aiding in diagnosis. Our group has utilized machine learning algorithms, particularly Random Forest, to analyze the large amount of patient data collected. Random Forest uses the biomarkers to separate VCID and AD patients, providing more homogeneous groups of patients at an early stage for participation in clinical trials.

The presentation runs from 10-11 a.m. at the Health Sciences Library and Informatics Center, room 228. This lecture is part of the Library's Biomedical Informatics Seminar Series (BioMISS). For a complete list of seminar speakers and dates, please visit http://hslic.unm.edu/about-hslic/brochures/BioMISS_Schedule_2017-18.pdf.
Week 3 Health Literacy Literature Search
Focuses on English as a Second Language

October 13, 2017

In our continued celebration of Health Literacy month, the UNMH Health Literacy Task Force is pleased to present the third literature search detailing current research articles addressing health literacy topics. Patients served by UNMH frequently speak English as a second language, if at all. Non-native English speakers frequently have coexisting low health literacy (Kutner, Greenberg, Jin, and Paulsen, 2006). In this literature search, we feature research into the best way to provide health messages to patients with limited English proficiency. Providing culturally sensitive education using plain language and relevant images helps patients with coexisting low health literacy to better understand how they can participate in their health care.

Week 3 CINAHL Search: Providing Health Messages to Patients with Limited English Proficiency

Click on the link below to see the search results:

http://libproxy.unm.edu/login?url=http://search.ebscohost.com/login.aspx?direct=true&db=ccm&bquery=(english+as+a+second+language)+AND+(communication)+AND+(low+health+literacy)&type=1&site=ehost-live#.WcFGOUk8H1g.email

References

Week 4 Health Literacy Literature Search
Focuses on Plain Language and Patient Satisfaction

October 23, 2017

In the UNMH Health Literacy Office, we often hear medical professionals state that their educated patients prefer health information communicated using technical terminology and medical jargon. To dispel that myth, the UNMH Health Literacy Task Force is pleased to share this sample of research studies which show that subjects prefer health communication be carried out using plain language. This was true even in studies conducted with high percentages of health literate patients.

As Health Literacy Month comes to a close, we hope that you have found this series of literature searches helpful. If this information has motivated you to learn more about patient friendly communication, contact the Health Literacy Office at healthliteracy@salud.unm.edu for more information about upcoming trainings, assistance with patient document revision, and other available services.

Week 4 PubMed Search: Plain Language and Patient Satisfaction

Judy Cannon, PhD, to Discuss T Cell Movement During the Immune Response as Part of the Biomedical Informatics Seminar Series

October 27, 2017

On Thursday, November 2, Judy Cannon, PhD, Associate Professor-Molecular Genetics and Microbiology and Pathology, will discuss quantifying T cell movement during the immune response.

T cells are a crucial effector immune cell type required to mount antibody responses as well as clear virally infected cells. T cell activation occurs in lymph nodes (LNs) and naïve T cells must search lymph nodes in order to find pathogenic infection, then move in infected tissue to clear infection. We perform multiphoton microscopy to quantitatively analyze T cell movement in lymph nodes as well as peripheral tissue such as the lung. Combining quantitative experimental data with computational modeling, our studies help shed light on the fundamental mechanisms that drive T cell search efficiency in mounting an effective immune response.

The presentation will be held from 10 to 11 a.m. at HSLIC, room 228. This lecture is part of the library's Biomedical Informatics Seminar Series (BioMISS). For a complete list of seminar speakers and dates, please visit http://hslic.unm.edu/about-hslic/brochures/BioMISS_Schedule_2016-17.pdf.
New Subject Guide Highlights Wellness Resources

November 8, 2017

The library recently published a new subject guide about wellness resources. The guide was created in collaboration with Dr. Elizabeth Lawrence from the Office of Physician and Student Wellness, and includes links to books, journals, articles, videos, and podcasts on topics such as physician resiliency, wellness, mindfulness, and narrative medicine. While the guide mostly focuses on resources for physicians and medical trainees, other health care providers may find information of interest, such as the links to wellness activities at UNM and in the Albuquerque area. You can view the guide at http://libguides.health.unm.edu/wellness. If you have questions or comments about the guide, please contact Karen McElfresh, Resource Management Librarian at kmcelfresh@salud.unm.edu.

Learn How to Use Zotero for Citation Management on November 16th or 22nd

November 13, 2017

Our next Zotero training classes will be held on Thursday, November 16th and Wednesday, November 22nd, from 10-11:00 a.m. 2 to 3 p.m. in room 226 of the library.

Zotero is a research tool that enables you to gather, organize and analyze sources and then share the results of your research. It’s the only research tool that automatically senses content in your web browser, allowing you to add it to your personal library with a single click.

In this session, you will learn how to create a free Zotero account, install the necessary software on your computer, import citations from a variety of databases, use Zotero with Google Scholar and capture website information from non-academic databases or resources. The session includes a hands-on component that lets you practice skills such as creating bibliographies and in-text citations. Please pre-register by visiting:

- Thursday, November 16 - http://libcal.health.unm.edu/event/3685316
- Wednesday, November 22 - http://libcal.health.unm.edu/event/3694752
Kroth Discusses Factors Associated with Clinician Stress and Burnout: Results from the MS-Squared Study Dec 7 for Biomedical Informatics Seminar Series

November 28, 2017

On Thursday, Dec. 7, Philip Kroth, MD, will present preliminary results of the second phase of the study he reported on last year that is identifying the features of health information and communications technologies most associated with clinician stress and burnout. Last year Dr. Kroth reported on the results of the first phase or focus group phase of the study. This year he will report on the second phase which is a survey of over 500 clinicians designed from the output of the focus group results. Dr. Kroth is HSLIC’s Director, Biomedical Informatics Research, Training and Scholarship.

Known as the MS-Squared study, its full name is “Minimizing Stress, Maximizing Success from Health Information and Communications Technologies.” The lecture will be held from 10 to 11 a.m. in room 228 at the HSLIC. Everyone is invited to attend. This lecture is part of the library's Biomedical Informatics Seminar Series (BioMISS). To see the full schedule, go to http://hslic.unm.edu/about-hslic/brochures/BioMISS_Schedule_2017-18.pdf.
Learn How to Use Zotero for Citation Management on Thursday, December 7th

December 1, 2017

Our next Zotero training classes will be held on Thursday, December 7th, from 2-3:00 p.m. in room 226 of the library.

Zotero is a research tool that enables you to gather, organize and analyze sources and then share the results of your research. It’s the only research tool that automatically senses content in your web browser, allowing you to add it to your personal library with a single click.

In this session, you will learn how to create a free Zotero account, install the necessary software on your computer, import citations from a variety of databases, use Zotero with Google Scholar and capture website information from non-academic databases or resources. The session includes a hands-on component that lets you practice skills such as creating bibliographies and in-text citations. Please pre-register by visiting http://libcal.health.unm.edu/event/3765369.

Fin Discusses Using Non Clinical Data to Improve Patient Care and Clinical Satisfaction Jan 4

December 18, 2017

On Thursday, January 4, 2018, Tristin Fin, Senior Director, Clinical Documentation: Nursing Clinical Informatics, UNM Hospitals will discuss “Using Non-Clinical Data to Improve Patient Care and Clinical Satisfaction.”

Meta data or audit data from clinical systems is an underutilized part of what is collected by electronic medical records (EMRs). What value can we get from this data to improve patient care and clinician satisfaction? To learn more, this lecture will be presented from 10 to 11 a.m. in room 228 at the HSLIC on Thursday, January 4, 2018. Everyone is invited to attend. This lecture is part of the library's Biomedical Informatics Seminar Series (BioMISS). To see the full schedule, go to: http://hslic.unm.edu/about-hslic/brochures/BioMISS_Schedule_2017-18.pdf.
DynaMed Plus Trial Ending Dec 31st

December 21, 2017

The trial period for DynaMed Plus is coming to a close; access to this product will end December 31, 2017. The purpose of the trial period was to compare DynaMed Plus to UpToDate. After consideration, the decision was made to retain UpToDate. Due to budget limitations, the library is unable to provide access to DynaMed Plus. In addition to UpToDate, the library offers other point-of-care tools such as Essential Evidence Plus (http://libproxy.unm.edu/login?URL=http://online.statref.com/document.aspx?fxId=622&grpAlias=UNM) and Clinical Key (http://libguides.health.unm.edu/clinicalkey). Please contact hsc-remote@salud.unm.edu if you have any questions or comments.