

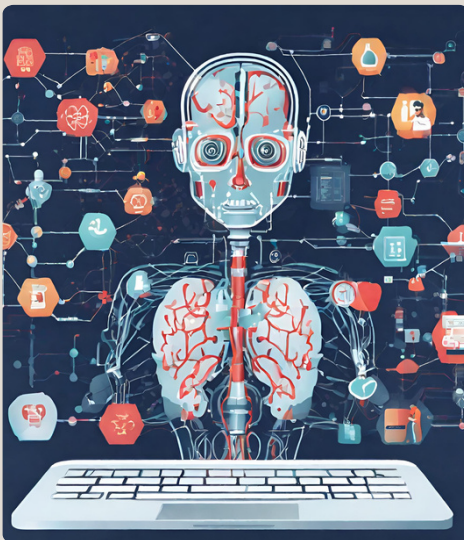


Coalition Connect

The latest news from the
Utah Health Literacy Coalition

HEALTH LITERACY OUT LOUD PODCAST #238

Innovative Ideas for Using ✦ AI in Health Literacy



Helen Osborne, host of the Health Literacy Out Loud podcast, speaks with Claire Wardle, Ph.D. who is considered a leader in the field of misinformation, verification, and user-generated content. They discuss Artificial Intelligence (AI), and Wardle describes AI as a tool of health communication explaining how

our jobs might shift from writing the basics to focusing more on the creative side of this work. The new AI tools now accessible to the public (like ChatGPT) cannot only retrieve information but also create new work based on these patterns. We must verify content and citations and be transparent about the use of AI in our materials.

Learn about using AI as a tool of health communication on the [Health Literacy Out Loud](#) podcast



In this newsletter you will find:

Upcoming events, Helpful Tools, Health literacy tip, Recent research & Member spotlight. Keep Reading!

Upcoming Events

UTAH HEALTH LITERACY COALITION LEARNING SESSIONS



Content experts provide virtual learning sessions on various health literacy topics during the fourth week of each month. Look for calendar invites.

March 28th, 3:00pm: Developing a Language Access Plan

April 30th, 2:00pm: 101 of How to Develop Health Documents

HEALTH CHOICE UTAH 2024 CONNECT THE DOTS SUMMIT



Date: March 27

[Register here](#)

Time: 7:30 AM – 3:30 PM

Location: Utah Cultural Celebration Center

Your participation is valued in bridging the gaps of health inequities in our communities. Registration is required and free. It is requested that attendees donate \$5 value (or more) of personal hygiene or household items for the New Arrivals Clinic in Rose Park.

2024 UPHA CONFERENCE



Source: upha.org

Date: April 10 - 11

[Register here](#)

Location: Clarke Building, Utah Valley University

This event will explore the latest advancements, share experiences, and collectively contribute to enhancements of public health initiatives.

ULA/MPLA 2024 ANNUAL CONFERENCE



Source: ula.org

Date: May 8-10

[Register here](#)

Location: Salt Palace Convention Center

Several librarianship and service registration tracks are available for a wide audience.

IHA 23RD ANNUAL VIRTUAL CONFERENCE



23rd Annual Virtual • May 14-16, 2024

Health Literacy Conference

Date: May 14-16

[Register here](#)

Location: Online

Conference attendees will identify health literacy (HL) solutions to use in their work, evaluate patient/client education program(s) to determine if HL solutions would be appropriate, and demonstrate the importance of using HL practices to meet organizational and target population needs. Continuing Education credits are provided CHES/MCHES, CNE, CPH, MLA, CME & Social Workers



[Follow us on LinkedIn](#)

Want to connect with others in the coalition or who are interested in health literacy and stay current on health literacy information and practices?

Follow and post on our page!

Helpful Tools



Check out these helpful tools for improving health literacy



Patient Education Material Assessment Tool



The (PEMAT) is a systematic method to evaluate and compare the understandability and actionability of patient (or any health) education materials. It is designed as a guide to help determine whether patients will be able to understand and act on information. There are separate tools for print and audiovisual materials.



Health Education Material Assessment Tool

NLM's assessment tool based on the understandability items from PEMAT-P. NLM created this abridged tool to designate health education materials as "easy-to-read."



Readability Calculator



This free online software tool calculates readability: Coleman Liau index, Flesch Kincaid Grade Level, ARI (Automated Readability Index), and SMOG. The tool also gives suggestions for what you might do to improve the text readability.

Health Literacy Tip

Use Caution with Readability Formulas

Agency for Healthcare Research and Quality (AHRQ)

[Read more here](#)

Why be cautious about formulas?



- Readability formulas assess text based on word and sentence length, but they don't consider factors like word familiarity, clarity, or cohesion.
- These formulas do not measure comprehension or reading ease, nor do they evaluate the overall suitability of a report.
- There are significant measurement issues with readability formulas, including variations in scores depending on the formula used and the need to prepare text properly to avoid misleading results.

Using formulas as diagnostic tools

- Readability formulas are useful for identifying if text is too difficult, prompting revisions. ★★☆☆☆
- Estimating audience reading skills through years of education or demographic data, can inform whether text matches readers' abilities; grade level scores should be interpreted broadly, with certain grade ranges indicating ease, average difficulty, or difficulty.
- Simplify complex words and sentences accordingly to enhance comprehension. ★★★★★

Research

ARTIFICIAL INTELLIGENCE AND HEALTH LITERACY - PROCEED WITH CAUTION

Improved access to AI platforms has prompted greater awareness of their potential application in public health and healthcare. This paper examines both actual and potential use of AI platforms in improving health literacy through an examination of current scientific literature and an “interview” with ChatGPT on health literacy. Although AI platforms can answer health questions using natural, accessible language and have the potential to greatly expand access to information, current limitations stem from derivative content and the potential for inaccuracies and amplification of misinformation. [Read more](#)



THE ROLE OF ARTIFICIAL INTELLIGENCE IN INCREASING THE HEALTH LITERACY OF PATIENTS



This article discusses the history of health literacy and introduces and explores the applications of AI in healthcare, highlighting machine learning, natural language processing, and predictive analytics. It investigates the impact of AI on patient outcomes, focusing on its role in diagnosis, treatment, and personalized medicine. It also addresses ethical considerations related to AI in healthcare, with a specific focus on privacy concerns and the need for equitable access to AI-driven healthcare solutions. [Read more](#)

ARTIFICIAL INTELLIGENCE FOR HEALTH PROFESSIONS EDUCATORS

Artificial intelligence (AI) is already impacting many facets of American life and is poised to dramatically alter the maintenance of health and the delivery of health care. The explosion of information available to inform the work of health professionals exceeds each individual’s capacity to process it effectively. All health professions have an opportunity to leverage AI tools to optimize the care of patients and populations. Educators must act now to incorporate training in AI across health professions or risk creating a health workforce unprepared to leverage the promise of AI or navigate its potential perils. [Read more](#)



Member Spotlight

SHAWN STEIDINGER, MLS, AHIP

Associate Librarian for Clinical Services

Spencer S. Eccles Health Sciences
Library, University of Utah



Why did you join the Utah Health Literacy Coalition? I heard about this organization many years ago through a previous employer. My boss there was an early attendee of the meetings, and she invited me to join her in coming. I've always been interested in promoting health literacy as a health sciences librarian, and I'm so glad to meet so many others with the same interest, with whom I can collaborate. I'm honored to be a member of the UTHLC's Steering Committee, as well!

Briefly explain some health literacy projects you have worked on this year.

I'm working on a long-term research project to determine how medical librarians can have a positive impact on adolescent and young adult health literacy. The first step is to determine how academic librarians are currently involved in health information education on their campuses. I've presented on the intersection of health literacy, health equity and cultural awareness, and I have a book chapter coming out in May 2024 on libraries, health literacy and the young adult population.

What is your favorite part of being part of the Utah Health Literacy Coalition?

My favorite part of being a UTHLC member is becoming inspired by the enthusiasm and contributions of fellow members, especially those outside my own library profession. It takes a village to teach HL skills, and I hope that I have a lot to offer in skills and experiences to the other members of this coalition.

What does the "AHIP" designation mean by your name? It stands for Academy of Health Information Professionals, and it's the peer-reviewed, accomplishment/portfolio-based certification and career development program for health information professionals. Academy membership indicates that my peers have certified that I have met a standard of professional education, experience, and accomplishment, and it demonstrates that I am committed to career development. It is similar to an ANCC certification for nurses, with the difference that nurses are licensed. There are 4 levels: Provisional, Member, Senior, and Distinguished, and I achieved the Distinguished level in 2022. I recently achieved my Level 1 CHIS (Consumer Health Information Specialist"), too!