



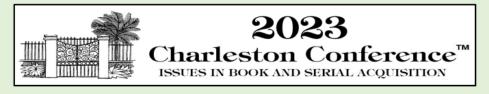
#### The Fun is Just Beginning: Juggling Values-Based Practice in a High-Stakes World (23rd Health Sciences Lively Lunchtime Discussion)

On-site: Thursday, November 9, 2023 / Online Week: November 30, 2023 / Schedule: Whova Agenda Webpage

#### **Contents** -

- 1) "Developments" Ramune K. Kubilius (Northwestern University Galter Health Sciences Library & Learning Center), compiler [trends compilation- handout]
- 2) "Value-Based Budgeting: Equity Practice in Collection Budget Processes" **Andrea McLellan** (McMaster University) [presentation slides]
- 3) "Focused Approach to Community Representation & Global Equity Audits in Collections and How Institutional Values Shape Publisher Negotiations & OA" **Elizabeth Speer** (University of North Texas Health Sciences Center) [presentation slides]
- 4) "Al in Healthcare: Challenges & Opportunities" Chris Cox and Elias Tzoc (Clemson University) [presentation slides]

Slide deck in Prism.northwestern.edu





Presented Thursday, November 9 (on-site) and Thursday, November 30, 2023 (online week)

#### The Fun is Just Beginning: Juggling Values-Based Practice in a High-Stakes World (23rd Health Sciences Lively Lunchtime Discussion)

#### **Panelists:**

- · Andrea McLellan (Head of Collections and Technical Services, Health Sciences Library, McMaster University)
- · Elias Tzoc Caniz (Associate Dean for Teaching, Learning, and Research, Clemson University)
- · Christopher Cox (Dean of Libraries, Clemson University)
- · Elizabeth Speer (Associate Director of Digital Scholarship, University of North Texas Health Science Center)

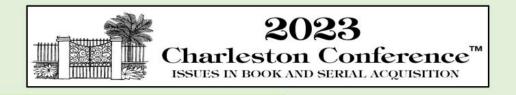
#### **Moderators:**

Andrea McLellan (McMaster University) and Kimberly Steinle (Director of Subscription Sales & Services, Health Affairs)

#### Compiler of "Developments" trends handout:

Ramune K. Kubilius (Collection Development / Special Projects Librarian, Northwestern University Feinberg School of Medicine, Galter Health Sciences Library & Learning Center)

Slide deck: in Prism.northwestern.edu





The Fun is Just Beginning:
Juggling Values-Based Practice in a High-Stakes World
(23rd Health Sciences Lively Lunchtime Discussion)

"Developments": Interesting and noteworthy trends since the 2022 Charleston Conference (a sampling)

Compiled by: Ramune K. Kubilius <r-kubilius@northwestern.edu> (Collection Development / Special Projects Librarian, Northwestern University Feinberg School of Medicine, Galter Health Sciences Library & Learning Center)

NLM director Patti Brennan retired, 35th million journal citation added to PubMed, next phase of NIH preprint pilot was launched, NIEHS launched Climate Change and Human Health Clossary; ACS launched grants & awards to foster sustainability practices; Annual Reviews acquired Charleston Hub and Against the Grain; BMJ Impact Analytics partnered with Overton; Clarivate integrated Dialog into portfolio for Life Sciences & Healthcare; DOAJ celebrated 20 years and 20,000 journals; Elsevier took Scopus to the next level with Generative AI tool (alpha version); IOP partnered with TaskAdept with EthicsGen tool; Endocrine Society and Matchbox Virtual Media formed a joint venture; McGraw-Hill launched Access APN & First Aid Forward, acquired Boards & Beyond, updated app; SpringerNature released Alpowered sci writing Curie: TDNet partnered with Prenax; TDS Health partnered with StatPearl and Ditki; Wolters Kluwer CEO Nancy McKinstry celebrated 25 years, availability of new product- Lippincott Medical Procedures; MLA marked 125 years, Collection Development Caucus Health Sciences Collection Development 2nd edition was released in OA book format

& more...

Links to more information are included in the handout Slide deck: in Prism.northwestern.edu





#### The Fun is Just Beginning: Juggling Values-Based Practice in a High-Stakes World (23rd Health Sciences Lively Lunchtime Discussion)

On-site: Thursday, November 9, 2023 / Online Week: November 30, 2023 / Schedule: Whova Agenda Webpage

#### **2023 PRESENTERS +**

- Chris Cox <a href="https://www.linkedin.com/in/christopher-cox-0283655b">https://www.linkedin.com/in/christopher-cox-0283655b</a>
- ❖ Andrea McLellan (presenter & moderator) https://orcid.org/0000-0003-0672-1100
- \* Elizabeth Speer https://orcid.org/0000-0001-7532-4470 / http://linkedin.com/in/elizabeth-speer-50152629
- Elias Tzoc https://www.linkedin.com/in/etzoc
- \* Kimberly Steinle (moderator) https://orcid.org/0000-0002-2619-5200 / https://www.linkedin.com/in/kim-steinle/

+ See also the selected list of publications

#### "Developments": Interesting and noteworthy trends since the 2022 Charleston Conference (a sampling)

Compiled by: Ramune K. Kubilius r-kubilius@northwestern.edu

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#### **ANNIVERSARIES / MILESTONES**

125 years

20 years

20 years and 20,000 journals

10 years

• 35<sup>th</sup> Million Journal Citation (PubMed) / 30<sup>th</sup> Million (MEDLINE)

Annual Reviews Acquired Charleston Hub and Against the Grain

• U.S. Federal Year of Open Science

#### NATIONAL LIBRARY OF MEDICINE. NIH...

- > NLM director, Patricia Flatley Brennan, R.N., PhD retirement after 7 years (NIH Director, Aug 2023)
- NLM Broadens PubMed Central Eligibility Requirements to Accept Applications from Spanish-Language Journals. NLM Tech Bull. 2023 Jan-Feb:(450):e7.
- Next Phase of NIH Preprint Pilot Launched <u>January 30, 2023 Pilot status</u>
- Update to PMC Covid-19 Collection August 29, 2023
- Climate Change and Human Health Glossary launched by National Institute of Environmental Health Sciences (NIEHS)

**Medical Library Association** 

NLM Technical Bulletin Nov / Dec 2022

Charleston Hub / Annual Reviews Oct 2023

Knowledge Unlatched

OTSP / NLM Musings

DOAJ

Nancy McKinstry as Chair and CEO of Wolters Kluwer

-- M Northwestern Medicine

Feinberg School of Medicine

& more...

#### PRODUCTS, PUBLISHERS, VENDORS: NEWS, CHANGES, UPGRADES (a)

- AAMC Faculty Salaries- as of FY2022, <u>institutional licensing model and print- no longer available</u> (individual online use only)
- Zero-embargo green OA option / Coalition S- blog editorial comment
- > arXiv Research repository receives \$10M for upgrades
- > BMJ BMJ Impact Analytics (partnership with Overton): real world impact of policy, clinical guidelines, and point of care
- Clarivate Integrates Dialog Solution Products and Services into Life Sciences and Healthcare Portfolio
- ► EBSCO Dynamic Health™ launches new content for Nurse and healthcare professional leaders
- Elsevier Elsevier takes Scopus to the Next Level with Generative AI
   Elsevier introduces Geographical Pricing Pilot to support authors in low- and middle-oncome countries with equitable open access publishing options (librarytechnology.org)
   GigXR and Elsevier Unveil Powerful Remote Features for HoloHuman 3D Immersive Anatomy App

   Endocrine Society Endocrine Society and Matchbox Virtual Media form a joint venture

data (Gold- Association of Learned Professional Society Publishers (ALPSP)'s Innovation Award)

➤ **Gideon** Life Science Reviews: in the top 10 Clinical Microbiology Solutions for 2023. To be updated: <a href="https://clinical-microbiology.lifesciencesreview.com/vendors/top-clinical-microbiology-solution-companies.html">https://clinical-microbiology.lifesciencesreview.com/vendors/top-clinical-microbiology-solution-companies.html</a>

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AAMC

ACS

#### PRODUCTS, PUBLISHERS, VENDORS: NEWS, CHANGES, UPGRADES (b)

- Partnered with TaskAdept- free online ethics statement generation tool, <a href="EthicsGen">EthicsGen</a>. Enabled by <a href="Carina Workflow Intelligence">Carina Workflow Intelligence</a> platform that also include <a href="Workflow Assist">Workflow Assist</a>. Acquired Boards and Beyond; New app; Access APN
- Coming in late 2023: new digital learning product, First Aid Forward!

  MIT Press / UC Berkeley School of Public Health MIT Press and UC Berkeley School of Public Health launch Rapid
- Reviews\Infectious Diseases Journal (knowledgespeak.com)

  Neurosurgical Atlas In April 2023, went live with a new institutional subscription model (2 options: subscription and perpetual
- Open Science Open Science Indicators dataset includes preliminary version of first new indicator: protocol sharing (PLoS blog)
- Scite.ai New partnerships (2022): JAMA, American Chemical Society, SPIE, Collabra; 2023: "the world's largest citation database"
- SpringerNature
   Springer Nature Announces Release of Curie, an Al-powered Scientific Writing Assistant

-M Northwestern Medic Feinberg School of Medicine

licenses)

#### PRODUCTS, PUBLISHERS, VENDORS: NEWS, CHANGES, UPGRADES (b)

Offered again through DS Health: Ditki

New: StatPearls

New in Primal -New product-Anatomy Learning Outcomes for Medicine

- > TIND UN Human Rights goes live on TIND Institutional Repository (librarytechnology.org)
- Wiley Rolls Out New Initiatives to Accelerate Innovation in Research Publishing
- Wolters Kluwer Health Exclusive digital distributor -subscriptions of NEJM, other products; Coming in 2024: NEJM AI New: Lippincott Medical Procedures
  Wolters Kluwer unveils generative AI Labs for UpToDate | Wolters Kluwer

#### MEDICAL LIBRARY ASSOCIATION

- > 2023 MLA / SLA conference- Shifting Into Second Gear: The 2nd Symposium on Collection Development & Resource Sharing. Medical Library Association / Special Libraries Association 2023 conference, Detroit, MI, May 19, 2023. Schedule
  - Slide deck: Kubilius, R., Davis, B., Callahan, B., & Snyder, R. (2023). Cruising in the "Non-Traditional" Collections Lane with Your MAAP:
- Challenges and Solutions. Prism. Galter Health Sciences Library. Northwestern University. <a href="https://doi.org/10.18131/ssr2y-fb570">https://doi.org/10.18131/ssr2y-fb570</a>.

  Prism. Galter Health Sciences Collection Development: An Overview of Fundamental Knowledge and
- Practices, 2<sup>nd</sup> edition [Pressbooks]
  - ➤ Midwest Chapter / MLA: Jean Williams Sayre Innovation <u>Award</u> (2023) to <u>MIRL</u> (Medical Institutional Repositories in Libraries) 2021 inaugural planning committee

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> TDS Health

#### **PUBLICATIONS, ARTICLES: a selective list**

#### A

- ➤ + ChatGPT: Implications for academic libraries- C. Cox and E. Tzoc, ACRL TechConnect 84(3) (2023)
- > ChatGPT-like Ais are coming to major science search engines [news] nature.com August 2, 2023
- > A Generative AI primer. Brian Basgen. Educause Review, August 15, 2023

#### **Collection audits**

➤ Bradley-Ridout and Gray, M, A reverse diversity audit case study. <u>Doody's Core Titles 2023 - The Essential Collection</u>
Development Tool for Health Sciences Libraries

Editor's Note: This article is based on "Using a reverse diversity audit approach to evaluate a dermatology collection in an academic health sciences library: A case presentation" published in the Journal of Academic Librarianship.

#### **Collection development**

- Clinically useful journals: 2023 list update [interview; Get to Know: Michele Klein Fedyshin], BMJ Insider's Quarterly Newsletter August 28, 2023
- ➤ Klein-Fedyshin M, Ketchum AM. PubMed's core clinical journals filter: redesigned for contemporary clinical impact and utility. J Med Libr Assoc. 2023 Jul 10;111(3):665-676. doi: 10.5195/jmla.2023.1631. PMID: 37483370; PMCID: PMC10361554
- > vanDuinkerken W, Valdes Z. Collaborative collection development: a MedPrint case report. J Med Libr Assoc. 2023 Jul 10;111(3):717-721. doi: 10.5195/jmla.2023.1373. PMID: 37483371; PMCID: PMC10361547.
- > John A. Bayhi and A. M. Serrano, A cross-department collaboration to curate a current collection, <u>Doody Core Titles Featured</u>
  Article, March 14, 2023

+ 2023 Health Sciences Lively Lunchtime Discussion panel speaker authors

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#### **PUBLICATIONS, ARTICLES: a selective list**

#### **History**

➤ Medical libraries and their complicated past: an exploration of the historical connections between medical collections and racial science. Raymond Pun, Patrice R. Green, Nicollette Davis. J Med Libr Assoc. 2023 Jul 10; 111(3): 740–745. Published online 2023 Jul 10. doi: 10.5195/jmla.2023.1728 PMCID: PMC10361556

#### IR

➤ + Fay B, Buda LM, Dellureficio AJ, Hoover S, <u>Kubilius RK</u>, Moore SJ, Palmer LA. The Medical Institutional Repositories in Libraries (MIRL) Symposium: a blueprint designed in response to a community of practice need. J Med Libr Assoc. 2023 Jul 10;111(3):710-716. doi: 10.5195/jmla.2023.1503. PMID: 37483366; PMCID: <u>PMC10361555</u>.

#### OA / OER

- + Elizabeth Speer: Open Educational Resources (OERs) and the health science information landscape: What I want people to know. Doody's Core Titles 2023 The Essential Collection Development Tool for Health Sciences Libraries, June 13, 2023
- ➤ Ellie Svoboda, Creating a curated Open Educational Resource (OER) guide on a health sciences campus, <u>Doody Core Titles</u> Featured Article, August 8, 2023 / poster in IFLA repository

#### **Scholarly Publishing**

➤ Replacing academic journals. Brems, B. et al. <u>Royal Society of Open Science</u>. [Perspective] July 19, 2023. https://doi.org/10.1098/rsos.230206

#### VR

➤ Virtual Reality Lab: An immersive experience at the new health sciences library. Winther, C; Zvyagintseva, L.; Tjosvold, L. University of Alberta Library News, July 20, 2023.

+ 2023 Health Sciences Lively Lunchtime Discussion panel speaker authors

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# Values-Based Budgeting

Equity Practice in Collection Budget Processes

Andrea McLellan

November 9, 2023











We recognize and acknowledge that students of McMaster University meet and learn on the traditional territories of the Mississauga and Haudenosaunee nations, and within the lands protected by the "Dish With One Spoon" wampum, an agreement to peaceably share and care for the resources around the Great Lakes.





- "The budget is not just a collection of numbers, but an expression of our values and aspirations" Jacob J. Lew, 2011
- On what basis to decide to allocate funds to activity A instead of activity B. V.O Key, 1940
- Budgets are about power
- Budgetary planning is about causing behavioral change and results Carlson et al, 2021



#### Characteristics of a Successful Budget

- Success depends on leadership
- Integrated Planning: aligning the budget to institutional priorities and strategic plan.
- Performance measures link planning to budgeting and the budget process.

Carlson et al 2021, Fairbairn, 2017; Kavanagh, 2021



#### Values-Based Budgeting

- Linking budget process to values
- Purposeful and Mindful spending
- Serves equity goals: it aims to correct the harm caused by externalized costs of neoliberal accounting practices.

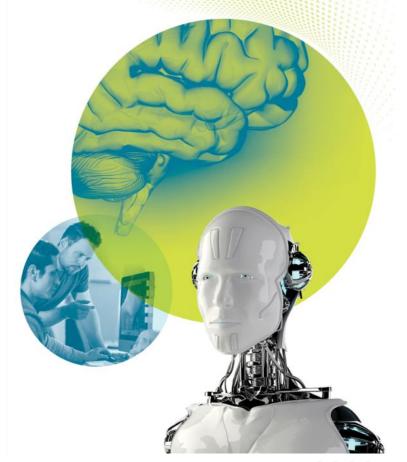
#### **Definitions:**

- Neoliberal policies involve the privatization of the public sphere.
   Equity is moving the balance toward actions that favor the public good.
- "Externalizing costs" is a practice in which companies show higher profits but society is paying the price for them.



#### Immovable University Budgets

- Neoliberal accounting practices and performance quantitative measures.
- Favor stability and maintain existing power structures.
- Culture of scarcity: most resources are allocated, and few funds are available for innovation. Fairbairn, 2017





#### Adding an Equity Lens to Collection Budgets

- Equity, along with other dimensions, is already part of our value system.
- An equity lens gives collection librarians another approach to analyzing budget challenges.
- Values-base budgeting could use "Equity" as the planning framework. This framework would define how goals will be achieved.
- The most successful equity budgets focus on a few specific groups.

Kavanagh, 2021



#### University of Saskatchewan: "Principles Based" Budgeting

Values and Equity-Based Budgeting

Indigenous Reconciliation





#### "Principles-Based" Budgeting

An example of values-based budgeting model inspired by Indigenous Reconciliation

- Interpret institutional principles through the lens of Indigenous knowledge "gifts". Four gifted principles: sustainability, creativity, diversity, and connectivity
- They recommend:
  - Challenging the current privileging process
  - Including diverse constituencies to revision the budgetary process
  - Using transparent consultation pathways sustained by horizonal leadership
  - Using an inclusive communication strategy that makes budgeting information accessible across diverse levels of understanding

Carter, 2022





**Equality versus Equity** 

- Equality treats everyone the same. It is a principle of democracy. Equity treats people differently in the interest of all people have the opportunity for prosperity.
- Fairness is the natural tension between equity and equality

Kavanagh, 2021



#### Mitigate Perceptions of Unfairness with 5 Interlocking Principles

- 1. Avoid zero sum competitions: one group wins and the other loses
- 2. Avoid "Either-Or" thinking and encourage "Both-And" thinking
- 3. Create procedural justice: objective, transparent
- 4. Decompose outcomes to "intermediate" and "ultimate" outcomes
- 5. Engage in discussion. Trust builds if there is agreement about values and priorities, transparency in decision-making processes, and accountability for results.

Kavanagh, 2021



#### Summarizing Values-Based / Equity-Based Budgeting

- Seek diverse voices and use a dialogic approach to consult broadly with constituents
- Create a resource inventory
  - How does the proposed expenditure expand opportunity and access for individuals to needed resources?
  - During budget cuts: Will the cuts make existing inequities worse? Will it reduce access?
- Develop equity-based indicators
  - Reconsider measurements of success to include qualitative approaches. These will demonstrate the "living impact" of values-based budgeting. Carter, 2022
- Use Kavanagh's 5 Interlocking Principles to navigate perceptions of unfairness



#### **Final Thoughts**

- Pressures of emerging technology and the demand to support the existing power structures make it challenging to integrate equity and values-based frameworks
- Think critically about new tools and implement changes purposefully and mindfully
- Deep structural transformations are needed in our institutions, but we can use these tools to nudge our units in the direction of Equity, Diversity, Inclusion and Decolonization
- Leadership is key. Good leadership fosters different behaviors and new ways of thinking.





#### References

- Carlson, J., & Olivares, K. (2021). Prioritizing Your Value: Avoiding Slash and Burn in an Economic Downturn. *Government Finance Review*, *37*(2), 19-37.
- Carter, D., Jaisee, T., Nickel, L., & Kalagnanam, S. (2022). Principles-Based Budgeting: Resources for Revisioning Academic Planning. *Engaged Scholar Journal*, 8(2), 163-174.
- Fairbairn, B. (2017). No-Brainer or Brain-Twister? Linking Planning and Budgeting. *Planning for Higher Education Journal*, *4*(SN3), 31-40.
- Kavanagh, S., & Kowalski, J. (2021). The Basics of Equity in Budgeting. *Government Finance Review*, 110(1), 19-27.
- Key, V. O. (1940). The Lack of a Budgetary Theory. *American Political Science Review*, *34*(6), 1137-1144.
- Lew, J. J. (2011). The Easy Cuts Are Behind Us. New York Times. https://www.nytimes.com/2011/02/06/opinion/06lew.html
- Pape, M., & Lerner, J. (2016). Budgeting for Equity: How can participatory budgeting advance equity in the United States? *Journal of Public Deliberation*, *12*(2), 1-14.





Community-Focused Approach to DEIA Audits in Collections and How Institutional Values Shape Publisher Negotiations and Open Access



Elizabeth Speer, MLS M.Ed
Associate Director of Digital Scholarship
Gibson. D. Lewis Library
The University of North Texas Health Science Center at Fort Worth



June 17, 2023, the Governor signed SB 17 which bans diversity, equity, and inclusion (DEI) offices, programs, and trainings at publicly funded institutions. This bill takes effect 1/1/24

Focused Approach to Community Representation & Global Equity **Audits in Collections and How** Institutional Values Shape Publisher Negotiations & OA



Elizabeth Speer, MLS M.Ed
Associate Director of Digital Scholarship
Gibson. D. Lewis Library
The University of North Texas Health Science Center at Fort Worth

The goal is to promote community representation and global equity by evaluating the collection and integrating resources that reflect the people we serve and the values we embody.



Use Tools You Have at Your Disposal

- HSC View Book/Fact Book
- PolicyMap
- HSC Website Research & Community Partners
- Discovery Layer
- ILL Request Data
- A-Z Database/Title Lists
- Vendor Representatives
- Institution Values
- Policies & Procedures
- CommunicationStandards

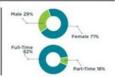




Female 54%

## 1,152 Staff









14 Doctoral-Research 436 Master's 23 Graduate Certificates













hold faculty status; however, they are included in the staff count because their primary roles are not instruction.





Male 35%



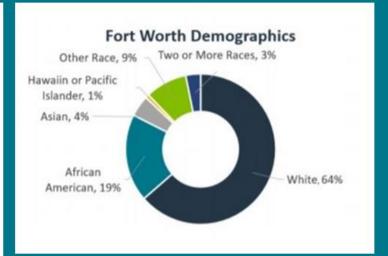
**TOTAL STUDENTS** 

White 39%



Black/African American students enrolled at HSC since 2020





## My Community

**HSC & Surrounding Physical Area** 



#### AREAS OF RESEARCH WHICH AFFECT OUR COMMUNITY

#### Texas Center for Health Disparities

- Racial and ethnic minorities
- Diabetes
- Cardiovascular diseases
- Cancer
- Stroke
- HIV
- Women in underserved and low-income communities in North Texas
- Obesity
- Cancer

Center for Healthy Aging

Institute for Translational Research

Other areas: Rural Communities Transgender health





## Collection Evaluation Terms are Selected Based on Your Community

Search the discovery layer, visual databases from the A-Z list that do not resolve well in discovery, individual subscription titles, title lists from databases, look at book content, and pull ILL request data for topics and areas of need.

## Create a list of all Vendor Representatives













### SPRINGER NATURE





#### Courageous Integrity

#### Model exceptional standards and act in the best interest of our community.

- · Build trust through consistent actions that are honest, transparent, and authentic.
- Provide, accept, and support open and constructive feedback.
- Hold yourself and others accountable for decisions, behaviors, actions, and results.



#### Cultivate opportunities for learning, creating, discovering, and innovating.

- · Question the conventional with creative solutions
- · Engage in new experiences for learning and growth.
- · Take strategic risk and learn from failure and success.
- · Pursue collaborative opportunities.



#### Champion a people-first approach to building relationships and community.

- · Cultivate authentic connections that have a meaningful impact.
- · Share expertise and resources.
- Recognize contributions and celebrate success.
- Help at least one person every day.



#### Foster an inclusive environment of respect, belonging, and access for all.

- Develop awareness and understanding of different experiences.
- Respect diversity of people, beliefs, thoughts, and ideas.
- · Support opportunities to remove barriers to equity and inclusion.



#### Exhibit pussion and pride in the experiences we create.

- · Go beyond the ordinary and surpass expectations.
- Be prepared, be present, and actively participate.
- Promote enthusiastic engagement.
- · Cultivate a positive environment and find opportunities for fun and recognition.

## Values & Negotiations



Know your values and how to make them work for you.

Ensure that your policies & procedures reflect your values and library goals. We changed our CD policy and evaluation criteria to force values into our workflow.

Speer 8 & S

Gibson D. Lewis Library

July 10, 2023

[Company] [Company Address]

Dear,

In our continuing efforts to live our values, abide by our code of culture, and influence change, Gibson D. Lewis Library has immediately implemented the additional criteria of community representation and global equity, for evaluation of future and current purchases of academic and clinical resources.

As an institution of higher learning, it is our duty and privilege to educate future medical professionals. As stewards of this responsibility, it falls upon us to provide our students, staff, faculty, and administration with the most culturally diverse materials available. It is our expectation that vendors with which we enter into business will embrace the need for change and will make conscious efforts to broaden their level of cultural equity by including a broader spectrum of materials which clearly demonstrate the importance of including people of all races, gender identities, socioeconomic backgrounds, and cultures.

Gibson D. Lewis Library looks forward to opening a positive and beneficial dialog with all of our current and future business partners about this important topic and how we can work together to be a catalyst for change.

Sincerely,

Elizabeth S. Speer Copyright & OER Strategist

THE UNIVERSITY of NORTH TEXAS HEALTH SCIENCE CENTER at FORT WORTH

## Establish Values-**Based Expectations** for Negotiations and Communicate Them Clearly.

This means meetings, emails, and a letter outlining expectations. Vendors should be required to provide a statement on how the product or their company meets these expectations.



#### Model exceptional standards and act in the best interest of our community.

- Build trust through consistent actions that are honest, transparent, and authentic.
- Provide, accept, and support open and constructive feedback
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The same values that are integrated into vendor negotiations apply to OA Read and Publish agreements.

Ensure that your OA agreements support the publishing needs of your university.

Leverage your values to support OA and OER across campus. We Care and Better Together mean OA is a requirement for us, not an option.

Speer-11

#### Elizabeth Speer

# Questions?

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**University of North Texas Health Center** 

## Al in Healthcare: Challenges & Opportunities

23rd Health Sciences Lively Lunchtime Discussion

Charleston Conference November 9, 2023

Chris Cox and Elias Tzoc (Clemson University)- 1

## **Overview**

- 1. AI in Healthcare
- 2. Challenges & Opportunities
- 3. Libraries & Training
- 4. Questions?

## **Al in Healthcare Today**

- 1. Medical imaging analysis
- 2. Drug discovery and development
- 3. Personalized medicine
- 4. Disease prevention and management
- 5. Administrative tasks

## Al in Healthcare: Opportunities

- 1. Diagnosis and Treatment Planning
- 2. Predictive Analytics
- 3. Drug Discovery
- 4. Virtual Assistants
- 5. Personalized & Remote Medicine

## Al in Healthcare: Challenges

- 1. Data Privacy and Security
- 2. Regulatory Compliance
- 3. Bias and Fairness
- 4. Ethical Concerns
- 5. Workforce Adaptation

## **Libraries & Training**

- 1. Providing Access to AI Resources
- 2. Collaborating with Faculty and Researchers
- 3. Offering Workshops and Training Sessions
- 4. Creating Research Guides or Modules

