

Welcome

- "The Importance of AI in LIS cannot be understated" Mike Meth

- every vendor is already experimenting
- we need to center the human interests

LIS Education - Dr Chow

- core comps
- professional development
- AI replaces cog work evolved in learning
 - writing in particular
- explore by using (yourself)

"Turtle not a Rabbit" play

Dr. McCartin (USC)

- > HCI
- * students & Educators
- * curriculum can be slow to change

CIRCLE project

→ AI education & outreach

IDEA24 Program

- 4 sessions per day, 4 days
- Technical and LIS oriented tracks
- 14 speakers
- <https://www.asist.org/meetings-events/idea-institute/idea24-virtual/>

Defining AI

* Pinning Speakers

multifaceted (depending on paradigms)

Souvik Ghosh - Andrew Cox - Darra Hoffman - Lingxi Hong
(comp sci) (social science) (records & law) (DataSci)

What is AI?

→ interdisciplinary due to the wide effects

vic

Tasks that would usually require human intelligence but is automated

cox

UNESCO's definition → "limited simulation"

- exploitative & destructive systems
- ethical issues that need to be tackled

→ transcription

→ finding

→ searching

→ translation

Atlas of AI

Hong

Powerful but limited

- generated videos are more like collages

→ walk cycles

→ quality issues

- LLM can't always capture niche language use (capturing statistical ...)

↳ collocations or idioms

Hoff

AI - what we are seeking to automate

OCR - a form of AI

"Brando good for Plants"

→ lacks the ability to understand different human responses

reminds me of
+ toddlers mimicking
"children say the
darndest things"

low

Personalization

→ Searchability

Ability to translate

Access to knowledge

RAG - Retrieval
Augmented
Generation

AGI - Artificial
General
Intelligence

* Changing Info seeking behaviours

Qualitative Research

→ transcription

vic

→ narrow aspects - ability to make tedious jobs faster

→ use for annotation for 5k+ data sets

monos

→ showing less interest in

hoff

→ Cycle of "oh no, it will ruin the youth"

What should be learned now, for an edge in 5 years?

low

Professional skills - soft skills - persuasion

- to change policies

vic

Tech skills: digital literacy
governance

to understand

but you need the fund. aspects
of how it works

coders may try to work around your lack of knowledge

biases are happening at the creation level

★

cox

Social Impact

vic

Reskilling while working is an issue

- context, provenance, evaluation

hong

Companies using personal data

- nothing to stop AI usage right now

esp. while profit is being created - power + money are hard to stop

→ there for

Hoff

→ structural imbalance

Environmental Impact

Leadership AI Dr Hirsh Talk -- Discussion

Comprehensive definition of "What AI Literacy is"

Up skilling + school graduates

↳ 2016 upskill burn out for repositories
~ in a responsive state

- exploration as growth (not just about "the need")

- knowing when to say "no"

 - not just providing services b/c they're new (gTech)

→ Reflections important (Hirsh)

- Understanding what the tech is being used for in newer research

 - ↳ partnering w/ school staff)

Research & Teaching duality (Temple)

a door for Libraries to be apart of institutional conversations again

*** Elements of AI . com (helsinki)

→ breaks down the stats portion & understanding

100+ state Libraries : looking @ the public understanding the misinformation
& burn out → coming out of COVID

*** the public itself needs some upskilling & understanding

Digital Empowerment SJ Public

→ "The City as a Classroom"

Andrew → CNI ARL ladder

Scenario Planning

exploring plausibility not probability

*** persona development

Intentionality unintended consequences or thoughtful
Public Adoption slow vs fast

Digital Librarian

similar to "AI"

- - - - - Discussion

The future of Scholarly Publishing

wonder about the library as a physical entity
(for research libraries)

- will the "need" still be there?
- possible future were "research" libraries no longer exist
(need for a stronger word than "transformation")

WISC +
Andrew → this is a "new" sun
the open to everyone aspect

Temple

A space w/out "priority interests" that NEEDS to be preserved
↳ the building can become "more" than the stuff it holds & is
about the experiential aspects

◦ Library as connection point

Datalibarian

Humanities →

"their research is the serendipity of finding info. in the stacks"
(from their own perspectives)

the notion of a RL could change drastically

* 12-18 yo would rather loose a friend than a cell phone
disturbing trends

→ (Where Wizards Stay Up Late book)

think of how Corporate is leading the way
idea of How attached the upcoming generation is to the tech
corps WILL prax/play into that

AI builders that basically said they ARE building models off
copy written materials already

Scholarly Record

- libraries have been trying to have an effect to push for
open access for over 15 years
AI will push this

LLMs - due to the interactivity will change behaviours & we don't
know what that will look-like yet
(Lorkin (person)) possible move from Text base knowage
back to spoken

From Collection centered to User centered design
(academic current) (public libraries currently)

Stability of the Compose of Knowledge

- possible destabilization as AI created
knowledge is added

Due to the statistics → what becomes the benchmarks
for "truth"

Factors to push from one scenario to another

When does Data Analysis become knowledge?
(as

"human in the loop"

AI Literacy

define - AI literacy (importance)

changes from context

(even just info literacy or digital lit is a bit poor)

more regulation = better literacy ???

German Perspective

→ both ways work

→ regulation may or may not raise

Question on disinformation →

Not using ~~it~~ ^{the tech.} Critically

"info competence"

understanding background

ethical considerations →

research^{ethics} are AI ethics

digital literal - -> needs to include the creation -> outputs

Vendors know the prob.
but won't share that publically

leveraging how people might interact w/ a methods
or percentage

-> it's always wrong but how can you make use of it

Site AI -> to track how people are citing you
Cite AI

Researchers "think" they're not using AI tools but
they actually are as the tools are
placed into vendor tools and search
your useney

lit review -> the reading is the journey is the
point of the research

"the stick to it" learning won't

"info seeking is the process" similar to writing is
the process

Turn It In -> legal considerations regarding
FERPA

OER -> use to create questions for

Larzer Group

Students changed since the pandemic

→ alignment w/ public library

→ provide community access: high school & middle school
student use of the tools

Tools being used in many different ways

→ expansion of human capabilities &
supporting directly w/ classes
& understanding how it works

Knowledge, skills & attitudes

Understanding the outputs -- what is apart of that

What is lost with giving up the process?

→ Too much information - human cost is more

"Co Intelligence" - book

Uneven application benefit depending on
who it is using

Fidelity of knowledge produced by ^{gen}AI

Chms - Chat GPT use

requirement on internal AI training

they don't think to include the training

awareness training
↳ campaign

ACPL - Framework on creating frame work

where would it fit w/in the core of the larger curriculum?

→ doesn't really have a home currently

multi pronged approach

→

RDM → mirrors that process

IT, library, curriculum

↳ mapping the life-cycle

to understand where the different units of the school fit

↳ problem → politics & the struggle to "own" "AI"
↳ competing w/in departments & also btw institutions

Temple → hosted an initial conversation that allowed the heads to consider the library as a place to converse

* Second → the commons → monthly discussion to incorporate multiple views on how it's used

"Psychological Safety" → you don't have to be an "expert" if you even just go and listen

the last piece → "you can't keep up" you need the broader basics to support individuals to

Capacity -- exhausting == connecting & sharing the work

* Pratorships

Open AI - Model Spec → how people interact the models

Strategic planning approaches for an uncertain future

- upskilling
- the tools needed

Vendors clauses saying "this won't be used for AI"
→ but how to

XDD → corpus wide

→ a specific initiative around hearing AI faculty
(vichical for strategic planning)

↳ has leaderships attention

→ multifaceted: exploration, ethics, operationalize

(what are you gonna stop teaching, what are you gonna stop using?)

- vendors & creators are going to ask for forgiveness instead of permission
- related to open science

What do the publishers provide

CL 322

- sunk cost vs what's important to the university
- piloting
- where to partner - institution to institution
but you can lose the be-spoke solutions

Q - what the the difference btw the users?
(ie researchers & students)

↳ maybe there is very little difference

KPIs

Als will eat as many resources as it can find

~ damage control

looking @ the pace of innovation ... it's not if, but when

Forgotten Scenarios

far right influence

from book ban to filters w/in the chat bots

Opportunity Coast - perception

What do we want to do?
How

Product Management



Iron Triangle

Cross Institutional strategic planning

↳ super computing

What is it that we want to do w/ AI?

- it may not even be about creating a new LLM
- maybe about verification of models or creating standards for creation of models

→ Transparency is extenisic to the technology

→ What dose an actually "Open" model look like

*** OSI website

~ they are claiming "Open Source" status so that they can bypass EU regulation

* development of principles to consider during planning

* rapid resourse through lateral structured teams instead of vertical structures

- facilitator
 - work plan
 - and time charitten
- plus facilitator of the facilitators

Questions regarding Structure

- ~> Inventor of what you're doing
- ~> What you can do?
- ~> What's the impact?

* What dose "Done" look like?

Strategy in convo w/ culture

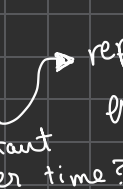
~ culture of anxiety
 & the optimum level of anxiety

back to upskilling

↳ skill vs will

* what it is to be a librarian (identity)

Day 2 - Key Takeaways

- Soften boardies around librarianship
- Culture changes people
- Will IT skills become more ~~important~~? ^{prominent over time?} 
- Future of scholarly publishing
- role of ISchool to prepare the next gen
- Partnerships (continuum from K on up, school, public, academic)
- All training needs to be across campus & library needs to be at every table (not nec. expert, but a participant)
- All as a tool, for good or bad "human in the loop"
-
- What does success look like? Need some agreement on parameters
- Flexible & dynamic - set a plan but react quickly
- Tie a budget to the plan
 - prioritize
 -
- Empowered to say no, what are we willing to give up?
- Change management.
- Skill vs will → what happens to those who don't want to live in this paradigm
- Many thoughts on upskilling & reskilling

• iFederation - education of US students

Drexel - open online education for Data Science
(Jane Green)

Library Leadership Cohort

→ Business School collab

* design thinking
& management skills

Gap → iSchool cert in management

Core skills - communication
- project management
- change management
(management of people)

• time commitment

→ point of need

↳ fellowships?

↳ cultural clash btw bi poc entrance

(w/ the "old guard" knowledge of what type of players are in the room)

* seeing the profession in a new light for those that are disillusioned

→ A need for community?

(NYU blog backlash -?)

* building that network

→ key focus is the middle managers

they are the linch pin that focuses the work force

How do the students leaving based on bad internship experience give feedback? How is that done?

State Libraries - as a partner

Skill Pipe (?)

→ free resource?

Cohort experience!

Incentives lacking - no continuing education professional advancement

↳ no licensure requirements feeds into the lack of wanting to advance

Jesse Dimmick

- German Legislative Impacts

EU AI act & Ethics

Info Policies

→ treaty based: peace & prosperity

→ advance EU info society

Data sharing DGA, ODD

Digital Sovereignty

benefit for all while controlling

www.eu-aiact.com

↳ log of changes over time

Trouble defining AI & "deployment^{er}, creators, vendors ect...)

Prohibits:

- AI driven manipulation

- social scoring

- biometric id for law enforcement

High Risk

Mid Risk → let ppl know AI is in use & shows development

Low Risk

Stanford Human Compare Generative AI Apps obligations

some awareness & compliance

* Providers assumed users AI literacy

Can't assume single use

* industry complaints

* legal analyse → good start but not quite there

Speculation of Ethics

Regulations may apply to libraries

- are we ready?

- risk / impact assessments

There are skills in documentation

****** JOAL → this is "What could go wrong?"

-- Ethical Foresight Analysis

* automatic meta data creation

spelled out the AI dilemma in library terms

tinyurl.com/jd-gails

(jesse.dinneen@hu-berlin.de)

What's the way to regulate, when apps & AI start popping up?

→ there is firewalls & blocks by governments already

GDPR --

(Similar to Supplier / Steward)

Tech companies well suited to handle, but smaller businesses will need help

Bethany e-mail blast

Specific AI skills - table discussion

3-5 development goals + ^{personal} development plan
focus on "everyone needs to know"

• all to have an AI goal

→ providing scaffolding for those goals

Policies or Vision Statement needed before moving forward?

→ guidelines may provide more flexibility & should prob be done at the same time

→ experimentation session as a sign up event

Chat GPT for Metadata projects (?)

Sarah Palmer (conference paper)

Chat GPT to put into lay-read memo turns

AI Hub

→ partnership w/ NVIDIA & Microsoft → Copilot
performance based

Looking at the wider processes

→ a focus on Data driven story

Quantifying the value provided to the institution

Data artic-tech → to show

→ who provides the data but also how they got those numbers

Institutional & department wide data understanding

What data is needed to improve performance

Institutional "Data Lake" & infrastructure is ^{or} important as the AI that sits on top of it

What is the connection btw LIS schools ~~to~~ and dialog w/ the school the skills that are needed?

Ethics is ^{a clear} focus

Creating a welcoming environment for those that would

"Swimming in Data" - provision

Hiering non-MLIS students -- the needed skills are in the data realm

————— Larger
"This is how your job is changing,"
how do we make you successful in it

Iron Triangle in combo w/ the lateral frame work of an AI team

"Collision of the willing"

↳ fueled by curiosity

↳ stepping away from the mandate mentality

Focus on giving support to the self selectors

* Job seekers aware of staying on top the changes that are developing

Two directions - embed through tech

- intentional institutional driven directions

• Peer to peer training may allow for less friction

* the younger gen as a source of expertise for larger projects

The non textual AI - -

Summarize text for learners

Accommodation requests triple as a source

Disinformation in political elections issues

↳ need for

How do we get the staff to be

how are these tools useful

- focusing on what the user needs and then working backward to what are we providing

- we're not a service - we're a partner

learning vs implementation

* transcription for oral histories (wishper AI)

* looking at IF people want chat bots

* Deep Space

*

little pockets of exploration through out the tech side of the library

Chat GPT for metadata → → ask for paper?

↳ administrative tasks

Museum Descriptions from Curators to general

HR applications

↳ where not to use it

Questions regarding the arbiter of truth

Walled garden of "Truth" vs the easy implant / use
↳ We may not be the "arbiter of truth" the collections hold things not of "truth" - -

Maintaining trust as tech undermines that

"we don't collect or share" but as a culture we give that away in our collection
Thoughts on "Truth" & Institutes of "Trust"

It's apart of the historical records

Back in the day...

Journals have "tip-ins" updates

↳ how often do the research librarians insert themselves into the record

Redefine - pervisors of knowledge

↳ maybe "fact"

but what is even fact (another tricky definition)

The "Contextualizer"

Conduit btwn

but can

Being an authoritative source of where that info comes from
Instead is it the ability to find what's false ...

Push back on expertise ...

but one of the issues is a misunderstandings of how science works

- collection policies

Do LLM promote the potential misinformation
HathiTrust - -

The ability of AI to distinguish the difference btwn the historical context

Validating Sources

↳ info out but not in from the larger model as an option?

Purplicity

Dose society value sciences

larger discussion

- libraries as a place to draw that line btwn what can or should be used for each user
- knowledge → cultural production (meaningful w/in those social context)
→ importance of community building
what's the right word? truth -- fact

Alex Hanna - Circle Presentation

Social impact of data in computational technologies

System alignment (Super Alignment project Open AI)

What can we trusted on?

copy write

knowledge justice?

expanding notions of AI for collections

Research Data Management

→ how can you tell if the data is fake

Discory - Software (as a out put) - validation - Sharing

be prepared for foundational aspects (such as privacy issues)

to no longer be around

at Microsoft

→ can you pull out data that a model has been trained on?

Known problems that could be fixed

- discreet use cases that can be helped

Next Steps → scenarios

→ tool kits

• case studies of AI use

→ eduncause (?) AI in libraries

→ daily digest

Actionable Things that we can do

- list of participants
- directory of metadata AI projects
(from digitization to

Slack channel (LAM) started by Stanford
→ Glam

Extensible frameworks

Whose the person at the table for AI policies at the National Level?

Is there a marketing campaign

Critical evaluation of library integration in this field
... again what's a realistic

To have the seat at the table, we need to work together

- * Connection w/ other professional groups
- * involving other campus leadership (not just the library)

~~***~~ Luther AI (policy work)