Slide 1 - HIGHLIGHTING TWO AI INSTRUCTION SESSIONS

My name is Jamie Niehof, I am from the University of Michigan, and I am presenting on behalf of myself and Sarah Barrow, fellow engineering librarian from Michigan.

-our goal with today’s talk is to interest you in exploring and reusing materials from two AI instruction sessions Sarah and I gave this spring, which took around 150-200 hours to research, plan, and design

Slide 2 - THE 2 SESSIONS

-These are our two sessions

- The first session was part of our Engineering Librarian Workshop series, which we host each semester. This was our first official AI workshop outside of classroom instruction.
- Our workshops are designed primarily for graduate students, are held on zoom, and typically last an hour.

- The second session was an invited talk from our Institute for Data Science as the literature section of their Generative AI Tutorial Series.
- We had a full two hour session in-person and faculty and researchers from across disciplines and the med school attended.

Slide 3 - USING AI FOR LIBRARY RESEARCH

- Here is a preview of the content in our one-hour, shorter workshop aimed at engineering grad students

- We start all our AI instruction with a set of considerations for users of these tools, our goal is for these considerations to transcend versions of tools and their functionality, and they encourage deep consideration of things like copyright, accuracy and ethics that can be applied to all AI use

- This first session then highlighted using Research Rabbit for Literature Discovery, JSTOR and Scopus’ AI integrations, using chatbots like perplexity and our homegrown University of Michigan GPT, and then a short section on how to create AI images with Dall-E3 and Firefly.
Slide 4 - RE-USABILITY & CONSIDERATIONS

-as we built our slide decks we had re-usability and reproducibility in mind

-our entire transcript is reflected in the notes, of course this means students who registered but didn’t attend can see what we were thinking, but it also means fellow instructors can re-create our presentation

Slide 5 - CONSIDERATIONS

-this is an example of the kinds of Considerations we highlight in our sessions

-being aware of uploading content into AI, meaning your actual input and any documents you attach or copy-paste

-and then understanding anything downloaded has to go through a process of critical evaluation as well

Slide 6 - NEW TOOL USED [SCRIBE]

-one of the tools we used in both our sessions was called Scribe. If you are unfamiliar, this is a free tool that allows you to capture a series of clicks and screen captures automatically then annotations can be added.

-we use this for short how-to tasks like activating JSTOR's AI features or examples of how to use JSTOR’s AI

-when time is limited in instruction settings this tool can act as a hands-on-tutorial for learners after the fact

Slide 7 - SCRIBE TUTORIAL SNAPSHOT

-to see an example of what Scribe looks like you can scan this QR code to bring up our JSTOR AI Tool how-to.

-we can brand the tool with library branding, link out to libguides and other scribe how-tos, and each how-to can literally be created in minutes. The learning curve is gentle.
Slide 8 - FROM SEARCH TO SYNTHESIS

- For our longer talk - all the same points apply, considerations - scribe how-tos - our transcript in notes — except this session goes deeper, and assumes a base knowledge of AI

- we covered chat gpt and semantic scholar in our literature discover section, research rabbit, summarizing tools, chat pdf and then dove into guidelines and policies from individual journals like Science and places like NIH

- we consulted with the library’s copyright office, and presented a more nuanced understanding of copyright with regard to academic paper uploading to AI tools

Slide 9 - FINAL THOUGHTS

- some final thoughts — as things in AI change we continue to evolve our set of considerations

- in the last year the library has set up an AI Interest Group in our HS / Stem unit, an AI Interest Group in our Library IT unit, and a library-wide AI instruction group

- we also have Library email lists and Slack channels for the library and the university that discuss AI issues daily

Slide 10 - SHARING OUR RESOURCES

- This is the end of the talk but it’s the most important page - it has all the links to all the materials we just shared with you

- we would love to know if you use these slides, or if you have any comments, questions, or suggestions

- thank you for listening