

University Libraries Committee Minutes

April 19, 2023

9:35am – 11:30am

Members Present: Vandana Baweja (Co-Chair), Riya Chakraborty, Josepha Cheong (Chair), Wendy Dahl, Fletcher Durant, Hilton Etienne, Jennifer McAninch, Christine Myers, Jane O'Connell, Czerne Reid, Judith Russell, Rae Yan

Also Present: Emily McElroy, Hallie Mills (taking the minutes), Chris Sharp, Natercia Valle, Neil Weijer, Borui Zhang

Members Absent: Katie Basinger-Ellis, Lynne Clark, Melody Marino, Anand Paul

The meeting commenced at 9:35 am.

Minutes Approval (March)

- The minutes for March were approved.

Information Literacy Committee (ILC) Update – Natercia Valle and Neil Weijer

- Natercia Valle is the STEM Instruction Librarian at Marston Science Library (MSL) and the Co-Chair of the ILC. The ILC is working to expand information literacy across UF. The ILC is collaborating with the Center for Teaching Excellence (CTE) to organize curriculum for training teaching assistants (TAs) to teach information literacy to students.
- Neil Weijer, Curator of the Harold & Mary Jean Hanson Rare Book Collection at the Smathers Libraries, reported that the ILC has been working with the CTE to integrate core elements of information literacy in Quest courses. The ILC has surveyed instructors for feedback about the elements of information literacy that they would like to incorporate and identified a focus group to work with. The ILC would like to develop TA training modules for the CTE as well as suggest activities for the Quest classes themselves that would reinforce these competencies for undergraduate students. They are on track to move forward with this in the Summer and begin training sessions in the Fall.

Research & Scholarship/Infrastructure Council Meetings Update

- The main topics were wrapping up for the semester, the continuing orientation with the new president, the announcement of the search for the new provost, and the selection of an electronic notebook service.

ChatGPT and Generative AI – Chris Sharp (Educational Technologist, UFIT), Emily McElroy (Associate Dean for Research and Health Sciences & Fackler Director of Health Science Center Libraries), and Borui Zhang (Natural Language Processing Specialist, HSCL)

- Chris Sharp, Educational Technologist at the UFIT Center for Instructional Technology and Training: ChatGPT and Generative AI

University Libraries Committee Minutes

April 19, 2023

9:35am – 11:30am

- Chris gave an overview of what AI and ChatGPT are, what ChatGPT can do (such as summarize texts and predict responses to text prompts) and cannot do (such as search the internet or access information past 2021), and some of the pitfalls of ChatGPT (it can be overly confident, potentially biased or inaccurate).
- Chris addressed some of the difficulties of detecting AI-generated content (AI tools are based on human language, false positives can damage relationships, and students also have access to the same tools).
- Chris shared that ChatGPT can help faculty and staff summarize text or explain concepts, generate templates, create example work, develop case studies, create working code snippets, and roleplay interactions.
- Chris explained that most journals ask for attribution if generative AIs are used and say that generative AI cannot author. Science Journals banned use of Large Language Models (LLMs) in articles based on the position that ChatGPT output is not original work.
- A ULC member asked why ChatGPT cannot access information past 2021. Chris explained that ChatGPT is pre-trained on a rolling basis due to the expensive computer power and time required to train it. Later versions may be able to access information from a later date.
- A ULC member asked if UF has a blanket license for ChatGPT. Chris explained that UF does not have a blanket license, but anyone can access GPT-3.5 currently, and GPT tools will be integrated into Microsoft Office products at some point.
- Chris shared a [link](#) to an article about a presentation he previously did about ChatGPT.
- Borui Zhang, Natural Language Processing Specialist at the Academic Research Consulting & Services (ARCS) Department of the Smathers Libraries: ChatGPT and LLMs (Large Language Models)
 - Borui provided an overview of the history of LLMs. ChatGPT is derived from BERT, which came out around 2017–2018. A language model is a probability distribution over a sequence of “words” or elements.
 - At UF, research labs use the LLM HiPerGator.
 - Borui shared that LLMs can be used for clinical research to extract useful information from health records, for analyzing social media reviews, and for literature classification.
 - Borui explained the differences between rule-based and ML-based (machine learning–based) language models. The LibAnswer chatbot is rule-based, has limited input and output, and cannot learn. ChatGPT is ML-based.
- Emily McElroy, Associate Dean for Research and Health Sciences & Fackler Director of Health Science Center Libraries:
 - Scholarly publishers have been using AI for some time for literature searches, literature reviews, citation management and verification, copyediting, research integrity checking, and fraud detection. Publishers have established

University Libraries Committee Minutes

April 19, 2023

9:35am – 11:30am

rules and best practices in response to the increased use of AI and ChatGPT. Governmental regulations are also being established.

- Associate Dean McElroy thinks that the Smathers Libraries could incorporate AI and ChatGPT into our courses and workshops related to publishing ethics, as well as into instruction about looking for reputable sources and citations.
- A ULC member asked how this might be incorporated into classrooms along with information literacy, and whether the Libraries will be providing instruction about this to students or if there are any workshops already available. Chris shared that he has guest-lectured in the past and that UFIT can assist faculty in preparing a lecture on this topic. Associate Dean McElroy suggested that the workshops about publishing ethics could be a helpful resource for faculty, and that the Libraries will need to develop more workshops to address this.
- A ULC member mentioned that ChatGPT is being used more often in healthcare by practitioners, and faculty are interested in training students in how to use it appropriately and incorporating it into courses on evidence-based practice. Associate Dean McElroy agreed that education is needed about this. Borui added that the ChatGPT developer team does not guarantee any evidence-based result.
- A ULC member asked whether AI instruction should be the responsibility of the Libraries or of AI faculty. Associate Dean McElroy suggested that AI could be incorporated when relevant to what the Libraries are already doing (such as teaching how to look for evidence-based practices).
- A ULC member asked if there are any plans to use ChatGPT in the orientation to the university and the Libraries, such as on the main website as an alternative to a search engine. Chris explained that there is a distinction between the function of search engines and the function of generative AI. Generative AI could not entirely replace search engines because it can make up information and may make mistakes.
- Dean Russell suggested that the Libraries could create resources to help students understand ChatGPT and what it is and is not capable of so that they can make informed decisions when using it, rather than teach them how to use it.
- This may be a good topic for the ULC to focus on in the coming year. This could be tied into our information literacy initiatives.

Dean's Report – Judith Russell

- At the Library Leadership Board (LLB) 2023 Spring Meeting, Dean Russell reported that we have provost funding for 24/7 service at MSL through the end of the Spring semester, and it will start again in the Fall 2023. Around the midpoint of the Fall, the Smathers Libraries will make a report to the interim or new provost and to Student Government about the utilization and value of continuing to fund 24/7 service. Who will pay for the 24/7 service, if it is continued, is undecided. It is not currently in the

University Libraries Committee Minutes

April 19, 2023

9:35am – 11:30am

Libraries' budget. The recent data shows that even when there are relatively few people in the building, students are continuing to use the group study rooms. This data will need to be reported early enough that a decision can be made before November so that we can inform the newly hired overnight workers.

- Dean Russell drafted strategic ambitions for the Smathers Libraries with LLB Chair Donovan Welch, which were presented at the LLB 2023 Spring Meeting. The ULC could help to develop this draft next year:
 - Lead efforts to expand access for scholarly content to enhance the effectiveness of research by expanding national and international partnerships for digitizing materials and unifying collections
 - Evolve our library spaces to meet the needs of the next generation student and faculty member by focusing on technology assets and collaboration
 - Serve as the focal point for open access to innovative technologies such as AI and machine learning in order to accelerate adoption across the greater UF community
 - Pioneer the adaptation of new technologies such as natural language processing and AI to support library patrons and improve the efficiency of library operations at UF and beyond
- A ULC member asked for clarification about the difference between the Smathers Libraries' goals and ambitions. The Libraries have goals that we have had for a long time that we have not been able to implement, such as building an offsite high-density storage facility. The Libraries' ambitions are things that we would like to do but that we would need resources and specific initiatives to accomplish.
- As of May 1, 2023, Dean Russell will have been at UF for 16 years.

Law Library Update – Jane O'Connell

- They are getting ready to wind down the Spring semester and will go into 24/7 swipe access only throughout the finals period. After finals, they will return to normal hours.
- This summer, Associate Dean O'Connell will have been at the Legal Information Center for five years.
- Summer renovations will begin the Monday after graduation. The renovations will include a new student space, carpeting, and upgrades to the technology in the study rooms.
- New jobs will be posted soon. Law librarian hiring is competitive nationwide because both a J.D. and an M.L.S. are required.
- Dean Laura Rosenbury will be leaving over the summer to begin her new position as president of Barnard College. They are waiting for an interim dean to be announced.
- Their first new digitized collection, UF Law Magazine, was launched and will be continued this summer.

University Libraries Committee Minutes

April 19, 2023

9:35am – 11:30am

Chair/Vice Chair Election

- Vandana Baweja was elected as Chair and Christine Myers was elected as Vice Chair for the upcoming academic year through an anonymous poll.

Additional Topics

- No additional topics were shared.

Wrap-up/Topics for Fall 2023

- Dean Russell reminded everyone about the ULC dinner at her home this evening.

The meeting adjourned at 11:22 am.