

An Overview of the University of Michigan Library and Its AI Strategies



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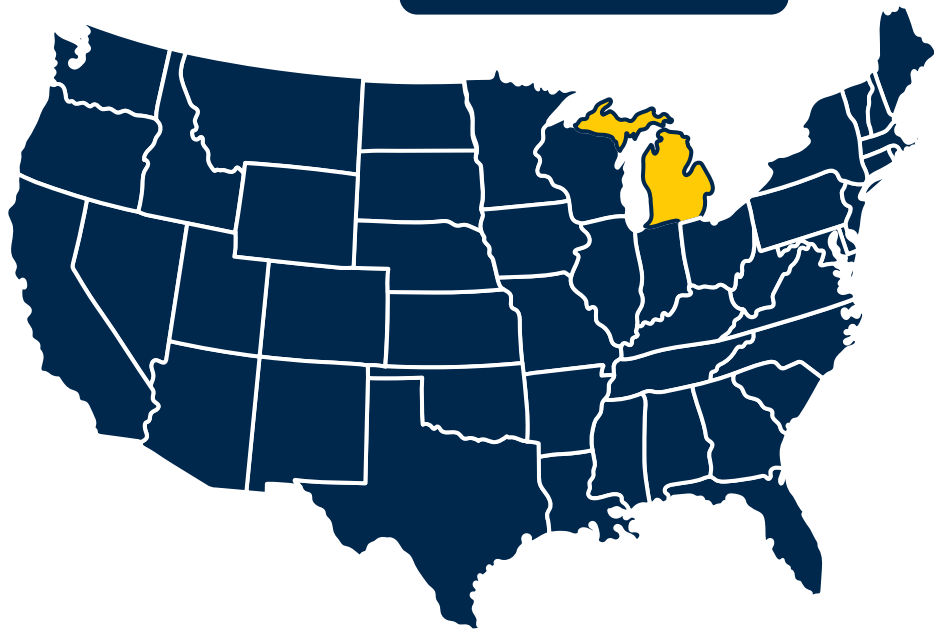
Contents



1. An Overview of the University of Michigan
2. University-wide Approaches to AI Innovation
3. Library-specific AI Initiatives and Strategies

The University of Michigan

State of Michigan



Established in 1817

The University of Michigan is a **Public Research University** located in the state of Michigan and has three campuses in Ann Arbor, Dearborn, and Flint.

University of Michigan

<https://umich.edu/>

- About
 - 19 schools and colleges
 - 200+ Research centers
 - Students 53,488
(Undergraduates 35,358 + Graduates 18,130)
 - Faculty 8,526 + Staff 33,291
- Research funding - \$2.04 billion / year
Operation budget – \$13.48 billion / year



University of Michigan Library

<https://www.lib.umich.edu/>



- Our mission is to support, enhance, and collaborate in the instructional, research, and service activities of faculty, students, and staff
- Staff and Librarians - 430
 - Subject specialists, Copyright, Information Literacy, Instructional Technology, Digital Pedagogy, Digital Scholarship, Data Visualization, GIS, Spatial and Numeric Data, Data Curation, Emerging Technology
- Collections – 15 million volumes
- Annual Budget – Collections: \$26.7 Million Operation: \$33.0 Million

Generative Artificial Intelligence

<https://genai.umich.edu/>



- About GenAI
- U-M AI Tools
- Use Cases
- Committee Report
- Resources
- Events

Custom GenAI Services for the U-M Community

<https://genai.umich.edu/>

Custom GenAI Services for the U-M Community

U-M is proud to be the first university in the world to provide a custom suite of generative AI tools to its community. With a focus on equity, accessibility, and privacy, our AI Services are available to all U-M faculty, staff, and students on the Ann Arbor, Flint, Dearborn, and Michigan Medicine campuses.



Go Blue

Designed for U-M students, faculty, and staff, Go Blue is a new mobile AI assistant that can enhance campus life.



U-M GPT

Provides no-cost LLM options and AI image creation for the U-M community



U-M Maizey

Extract insights from your own data with this user-friendly, customizable AI tool.



U-M GPT Toolkit

Designed for those who require full control over their AI environments and models.



Claude Code

Employ this powerful agentic AI coding assistant, available via U-M GPT Toolkit for faculty/staff



AI Workflows

Automate complex tasks using this low-code platform that connects data and systems into processes.

Equity
Accessibility
Privacy

U-M is proud to be the first university in the world to provide a custom suite of generative AI tools to its community.

U-M Google GenAI Services

<https://genai.umich.edu/>



Gemini

Google's Gemini is an AI model that handles tasks like conversation, translation, and information retrieval.



NotebookLM

NotebookLM is an AI-powered research and note-taking assistant that helps synthesize information across multiple sources.

Generative AI Resources

<https://genai.umich.edu/>

Generative AI Resources



Students



Faculty/Instructors



Staff



AI Tools



Appropriate Use



Research



Prompt Literacy



Prompt Library



Training Options

U-M Guidance for Students

- University of Michigan's GenAI offerings
- U-M Generative AI Training and Events
- Choosing a GenAI tool to use
- Considering the ethics of using GenAI
- Examples of GenAI-based tools

U-M Generative AI Use Cases

<https://genai.umich.edu/use-cases>



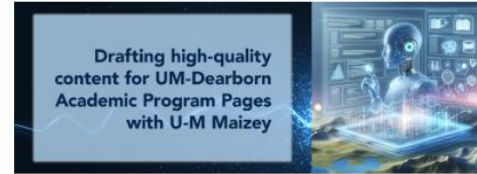
**Virtual Mock Patient in
Doctorate of Physical
Therapy Program**

**Virtual Mock Patient in Doctorate of
Physical Therapy Program at U-M Flint**



**Creating a customized
copy-editing assistant for
UM-Dearborn web editors
with U-M Maizey**

**Using U-M Maizey to provide copy-
editing assistance for UM-Dearborn web
editors**



**Drafting high-quality
content for UM-Dearborn
Academic Program Pages
with U-M Maizey**

**Using U-M Maizey to Draft New Pages
for UM-Dearborn Academic Program
Webpages**



**Optimizing mass email
campaigns with UM-GPT
and Google's Apps Script**

**Writing Apps Script code with UM-GPT
to customize and automate mass email
campaigns**



**Streamlining Operations
in the Treasurer's Office
with U-M Maizey.**

**Human Subject Incentives Program,
Treasurer's Office AI Chatbot**



**Enhancing
the University
Career Center's
Services with AI**

**University Career Center Resource
Assistant: Enhancing Accessibility and
Engagement through AI**

U-M Generative AI Tools

<https://genai.umich.edu/resources/tools>

Content

- [ChatGPT \(Chat Generative Pre-trained Transformer\)](#)
ChatGPT is a chatbot developed by OpenAI. It uses Natural Language Processing (NLP) to understand and generate human-like text.
- [ChatSonic](#)
ChatSonic is an AI chatbot similar to ChatGPT but with a more conversational and creative tone.

Programming

- [GitHub Copilot](#)
GitHub Copilot is an AI pair programmer that suggests code snippets and entire functions as you type in your code editor.
- [CodeWhisperer](#)
CodeWhisperer is an AI code completion tool that suggests code snippets and entire functions as you type in your code editor.

Video

- [Synthesia](#)
Synthesia is a text-to-video AI platform that allows users to create professional-looking videos without the need for a camera or actors.
- [Runway](#)
Runway is an AI-powered video editing tool that allows users to generate and manipulate video content using natural language prompts.
- [Canva](#)
Canva allows users to create and edit images, graphics, and videos using a variety of AI-powered tools and templates.
- [Sora](#)
OpenAI's AI model for generating high-quality, realistic videos from text prompts.

Images & Art

- [ChatGPT's DALL-E 3](#)
An AI image generator from OpenAI that can create high-quality, realistic images from text prompts.
- [Midjourney](#)
A Discord-based AI that creates high-quality, artistic images from text prompts.
- [Reve](#)
A creative AI platform that generates images, videos, and audio content from text prompts.
- [Ideogram](#)
An AI image generator specialized in creating high-quality, artistic images from text prompts.
- [Stable Diffusion](#)
An open-source AI model that can generate high-quality images from text prompts.
- [FLUX.1](#)
A next-generation image generation model that can create high-quality, realistic images from text prompts.
- [Adobe Firefly](#)
Adobe's generative AI tool for creating images, videos, and audio content from text prompts.
- [Recraft](#)
A design-oriented AI tool that can generate high-quality, artistic images from text prompts.

Music

- [AIVA](#)
AIVA is AI composition software that can generate high-quality, realistic music from text prompts.
- [MusicGen](#)
MusicGen is a text-to-music AI model that can generate high-quality, realistic music from text prompts.
- [Amper Music](#)
AI for those who want to create music without the need for a band or studio.
- [SoundRaw](#)
AI-powered music production tools that allow users to create and manipulate music using natural language prompts.
- [Suno AI](#)
AI-powered music generation tool that can create high-quality, realistic music from text prompts.

Personal Productivity

- [Notion](#)
Notion is the connected workspace where you can write, manage, and collaborate on your work and life.
- [Futurepedia](#)
Futurepedia is a comprehensive, searchable database of AI tools and resources.
- [SlidesAI](#)
SlidesAI is a plugin for Google Slides that allows users to generate and manipulate slides using natural language prompts.
- [Explainpaper](#)
Explainpaper allows users to upload a paper and get a summary, key points, and a list of references.
- [Bing](#)
Bing is Microsoft's search engine, which includes AI-powered features like image search and voice search.
- [Microsoft 365](#)

For Researchers

- [Elicit.com](#)
Analyze research papers using and automatically generate summaries and answers to your questions.
- [Research Rabbit](#)
Understands what you're researching and suggests relevant papers and resources.
- [Scholarcy](#)
AI-powered article summarizer that can generate concise summaries of research papers.
- [Typset.io](#)
AI-powered tool to help you understand and summarize research papers.
- [ScholarAI](#)
ChatGPT plug-in that helps clinicians and researchers with their work.

AI News and Events

<https://genai.umich.edu/news>

AI News

- April 14, 2026
[Get down to the details with Claude for Word](#)
Claude
- April 13, 2026
[AI to predict how bowel cancer patients will respond to new NHS drug](#)
The Guardian
- April 9, 2026
[Google Gemini Now Generates Interactive 3D Models and Simulations](#)
The Tech Buzz
- April 8, 2026
[Artificial intelligence and biology: AI's potential for launching a novel era for health and medicine](#)
The Conversation
- April 2, 2026
[ChatGPT fed his students easy answers, so he built an app to argue with them](#)
The Washington Post
- March 26, 2026
[How OpenAI Decides What ChatGPT Should—and Shouldn't—Do](#)
Time Magazine

GenAI Events at U-M



May 19 3:00 PM

CCMB Tuesday Popup: Biomedical Gen AI Learning Community

AI tools for research are advancing at a pace that often outstrips traditional academic training. These tools are powerful, but using them effectively to produce high quality ...

Medical Science Unit I

Workshop / Seminar



May 22 10:00 AM

Summer Deep Reading on Deep Learning (Transformer Circuits)

Matthew O'Meara, PhD and his lab are hosting what we're calling Summer Deep Reading on Deep Learning. This year it will be a multi-part journal club on Transformer Circuits. W...

📍 Medical Science Unit I

Workshop / Seminar



May 27 9:00 AM

Introduction to the Linux Command Line

This remote course will familiarize students with the basics of accessing and interacting with Linux computers using the GNU/Linux operating system's Bash shell, also generica...

Virtual

Workshop / Seminar

Generative AI Workshop Series

Beginner/Core Workshops

- Introduction to GenAI: Unpacking Key Concepts
- Critical Challenges in GenAI: Academic Integrity, Bias, Responsibilities, and Risks
- From Basics to Brilliance: Prompt Crafting with U-M GPT
- Exploring NotebookLM for Education
- From Idea to Insight: Gemini for Education
- Prompt to Picture: How AI Can Help You Create Custom Visuals
- The GenAI Educational Landscape: Best Practices for Instructors

Generative AI Workshop Series

Intermediate/Advanced Workshops



- Harness U-M Maizey and Go Blue for Teaching and Learning
- Streamline Daily Work Tasks with U-M Maizey
- Boost Work Productivity with GenAI
- Boost Teaching and Learning Productivity with GenAI
- Customize the U-M Student Experience with the Go Blue Tool
- Streamline Tasks & Amplify Learning with Instructor Tools



New Chat

No chats yet — send a message to begin!

Y Yunah Sung



U-M GPT



Private, Powerful GPT for U-M

Model:

GPT-5.5



What is this?

- ☒ GPT-5.5
- ☐ Llama-4-Maverick-17B
- ☐ GPT-Image-1.5 (Image Generation)
- ☐ Claude Sonnet 4.6
- ☐ Claude Opus 4.6 (Reasoning)



Ask U-M GPT anything



ITS AI Services such as U-M GPT may occasionally produce inaccurate information
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M INFORMATION AND
TECHNOLOGY SERVICES

Library AI Community Group

An internal discussion group for the U-M Library staff on AI-related topics.

ulib-ai-community@umich.edu

The screenshot shows the MCOMMUNITY University of Michigan Library AI Community page. The header features the MCOMMUNITY logo and a navigation bar with a dropdown menu set to 'All'. The main content area is titled 'Library AI Community' and is divided into three columns. The left column contains 'Contact Information' with links for Email, Requests, Errors, and Owners. The middle column contains 'Group Description' and 'Members and Owners'. The right column contains a 'Filter Members' section with tabs for 'People (85)', 'Groups (0)', and 'Non U-M (0)', and a list of members with their names, email addresses, and roles.

MCOMMUNITY
UNIVERSITY OF MICHIGAN

Library AI Community

Contact Information

Email:
ulib-ai-community@umich.edu

Requests:
ulib-ai-community-requests@umich.edu

Errors:
ulib-ai-community-errors@umich.edu

Owners:
[Bohyun Kim](#)
[Cindy O'Connor](#)
[Laurie A Alexander](#)
[Sebastien Korner](#)
[Suleman Diwan](#)

Settings

Group Description

An internal discussion group for the U-M Library staff on AI-related topics. Contact caco@umich.edu to be Library staff.

Members and Owners

Filter Members

People (85) Groups (0) Non U-M (0)

Sort Member A-Z

	Allyssa Caitlynn Bruce acbruce@umich.edu	Director of Consultation and Discovery University Library - Faculty and Staff Library Learn&Teach-Cons&Disc - Faculty and Staff
	Martin Knott amuro@umich.edu	Metadata and Linked Data Strategist - Tech ... Library Collect - Tech Service - Faculty and Staff

Library AI Community Slack

The screenshot displays the Slack workspace for the University of Michigan Library AI Community. The interface is divided into three main sections: a left sidebar, a central channel view, and a right sidebar.

Left Sidebar: Features the University of Michigan logo at the top. Below it are navigation icons for Home, DMs, Activity, Files, and More. A list of channels is shown, including #general, #lit_and_guests, #conference-chatter, #general (Digital Scholarship Service Team), #general (Library AI Community - highlighted), #general-announcements, #general-education-abroad, #general-iss, #global-engagement-updates, #how-to-use-slack, #job-postings, #knowledge-sharing-tls, and #random. A purple bubble at the bottom indicates 'Unread mentions'.

Central Channel View: The channel is #general, described as 'An informal venue to for all UM Library (+...)' with 81 members. A message from Bohyun Kim, dated June 20th, 2023 at 9:59 AM, is displayed. The message reads: 'Hi everyone, and welcome to this discussion group! This is an informal venue to for all UM Library folks to discuss/share thoughts and ideas about AI (artificial intelligence), generative AI, and ML (machine learning) for libraries, campus, and beyond. Feel free to post articles etc. you want to share and discuss!'. Below the message are 4 thumbs up and 2 thumbs down reactions. The message includes a link to a Chronicle of Higher Education article: 'https://www.chronicle.com/article/im-a-student-you-have-no-idea-how-much-were-using-chatgpt'. A snippet of the article is visible: 'Opinion | I'm a Student. You Have No Idea How Much We're Using ChatGPT. No professor or software could ever pick up on it.' Below the message is a text input field with a placeholder 'Message #general' and various formatting icons.

Right Sidebar: Contains a search bar at the top. Below it are icons for Messages, Add canvas, and a plus sign.

Monthly Staff Meeting - Special Interest Group

The screenshot shows a Google Docs interface for a document titled "HS-STEM AI SIG - Agendas & notes". The document is open to a page dated "May 15, 2026" with the heading "HS STEM AI SIG". The left sidebar shows a list of document tabs for the year 2026, including "Norms", "Upcoming meeting topic...", and several dates from January to May. The main content area lists the attendees and the agenda items for the meeting.

Document tabs: 2026

- Norms
- Upcoming meeting topic...
- May 15, 2026 | HS STEM ...
- Apr 17, 2026 | HS STEM AI...
- Mar 20, 2026 | HS STEM ...
- Feb 20, 2026 | HS STEM ...
- Jan 16, 2026 | HS STEM A...

2025 2

2024 1

May 15, 2026 | HS STEM AI SIG

Attendees:

- 5 minutes - Welcome, [meeting norms](#), and agenda
- 5 minutes - Call for announcements, events, resources, etc.
 - Announcement: SIG SUMMER BREAK (JULY / AUG WILL BE OFF)
 - Articles of interest:
 - [\[2601.20245\] How AI Impacts Skill Formation](#)
 - [Prompt Engineering for Academic Research and Literacy \(PEARL\): Guidelines for Prompt Engineering in Library Consultation Work](#)
 - Archived Recording, Introduction to Responsible AI in Scholarly Communication Publishing and Learning

Meeting Recording: https://us02web.zoom.us/rec/share/qM0qwElqma1CJWLg06uI9li_niCkwxv-Ujst2DHrlwtB9jlkOeYXptx6M8VafI.tOfmGGDIdP8R8s-P

Access Password: +@9%yubj

- Anyone getting access to new AI workflow tool? No takers yet other than Scott.
 - Scott has logged into the new tool. "It's less AI than you think."
 - There is a chatbot component—Scott hasn't looked at that part yet.
 - Scott is interested in automating low-level research tasks.
- LLM Targeted Underperformance Disproportionately Impacts Vulnerable Users <https://arxiv.org/abs/2406.17737>
- PF idea: "I think it might be useful for us to invite a couple of the Enriching Scholarship presenters to this group. Peter Bodary from Kinesiology and Johnathan Beals from LSA."
- PRB's new guide - Using AI to Help Communicate Your Research: A Practical Guide for Reaching Non-Specialist Audiences, May 28 (1-2pm) webinar - [Register](#)

U-M Library Case Studies



Case Studies: Exploring GenAI in the U-M Library

December 9, 2025 3:00-4:30 PM

Organized by: Bohyun Kim, Charles Watkinson, and Laurie Alexander



[Grackle Slides](#)
Accessibility checks passed

1

- GenAI and Accessibility
- Metadata enhancement for a digital collection
- Image generation
- Library Instruction for Health Services using Perplexity
- Data Clean-up

U-M Library Case Studies

M LIBRARY

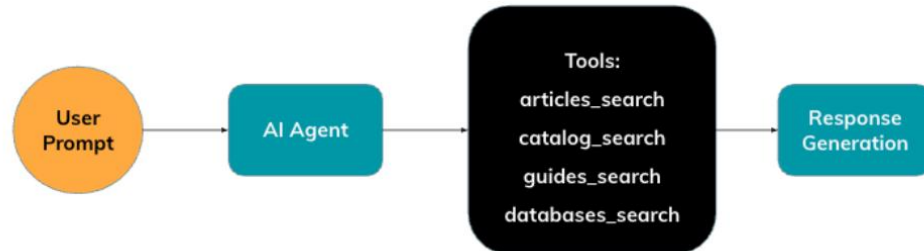
Case Studies: Exploring GenAI in the U-M Library

March 26, 2026 1:30-3:00 PM



[Grackle Slides](#)
Accessibility checks passed

What is the Library Search Chatbot?



19

U-M Library Chatbot

M | INFORMATION AND TECHNOLOGY SERVICES

New Chat

Chat History

U-M Maizey

Build Your Own No-Code AI Solution

U-M Library Chatbot [TEST]

This chatbot answers questions about U-M Library resources, services, and policies. It is currently a test of the AaL internal knowledge base, which is a tabbed Google document.

Ask Maizey anything...

ITS AI Services such as Maizey may occasionally produce inaccurate information
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U-M Library Research Guides



UNIVERSITY OF MICHIGAN LIBRARY

M | LIBRARY RESEARCH GUIDES

EXPLORE ▾

SEARCH

[Research Guides](#) > [GenAI and Library Instruction](#) > GenAI and Library Instruction

Search this Guide **Search**

GenAI and Library Instruction

Resources to support library instruction and consultation related to generative artificial intelligence

GenAI and Library Instruction

GenAI and Ethics

AI Tool Discovery and Assessment

AI Law and Governance

AI and Translation

Prompt Engineering

About this Guide

GenAI and Library Instruction

This guide is both for users who are new to GenAI looking for ready-made guides to explore and more experienced users looking for resources to explore on their own. While originally intended for library educators, its contents will be of value to users from a variety of backgrounds and fields. Users may opt to explore the curated articles and think pieces at will or work through our [Primer](#) or other guides (linked below) for more guided instruction.

The guide contains:

- Links to some of the primary resources produced by the GenAI Instruction Team (see below)
- Links to resources on selected topics such as AI tools, ethics, and governance (see the links in the left side bar)

Resources created by the GenAI Instruction Team

ProQuest Research Assistant



ProQuest

Access provided by
BTAA UNIVERSITY OF MICHIGAN ANN ARBOR

Back to results

< 4 of 4,049 >

Full Text

Dissertation or Thesis

Pioneer American women missionaries to Korea, 1884–1907

Ahn, Katherine Hyunjoo Lee. Fuller Theological Seminary, School of Theology ProQuest Dissertations & Theses, 2004. 3118993.

PDF

Abstract/Details

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NOTE TO USERS

UMI

1

FULLER THEOLOGICAL SEMINARY

PIONEER AMERICAN WOMEN MISSIONARIES
TO KOREA, 1884-1907

A DISSERTATION SUBMITTED TO
THE FACULTY OF THE SCHOOL OF THEOLOGY
IN CANDIDACY FOR THE DEGREE OF DOCTOR
OF PHILOSOPHY

Research Assistant

Insights

Here is the **key takeaway** of the document, based on the author's abstract.
This dissertation highlights the significant contributions of American women missionaries in Korea from 1884 to 1907, emphasizing their roles in establishing schools, hospitals, and churches despite facing numerous challenges.

Additional topics discussed include:

- Historical context of American missions in Korea
- Impact of the Great Revival on missionary work
- Personal experiences of women missionaries

Relationship to your search terms:
The document is related to 'Mary Cutler' as it discusses the contributions of women missionaries, which may include figures like her.
[Show less](#)

AI-generated content: quality may vary. Check for accuracy. [Disclaimer](#)

Important Concepts

Research Topics

Ask a question (beta)

OCCL AI Services



About ∨ Products ∨ Learn ∨ Support ∨

Meaningful breakthroughs

Driven by technology, grounded in purpose, OCCL is leading AI innovation in libraries.



Cataloging efficiencies

AI suggests classification numbers and subject headings from WorldCat data for metadata enrichment, while catalogers retain full control to accept or dismiss each suggestion.

[Benefit from AI in Record Manager](#)

[Utilize Connexion's AI enhancement](#)



WorldCat.org smart recommendations

AI delivers smarter search results, connecting users to the resources they need faster than ever.

[Explore smart recommendations](#)

Popular AI tools



perplexity

scite_

EndNote™



COPYSCAPE



AudioPen

fliXier

Helpful information

- AI in Literature Reviews (<https://guides.lib.umich.edu/c.php?g=1209331&p=9938580>)
 - AI News and Events (<https://genai.umich.edu/news>)
 - AI Tools (<https://genai.umich.edu/resources/tools>)
 - GenAI and Library Instruction (<https://guides.lib.umich.edu/genai-library-instruction>)
 - GenAI (<https://genai.umich.edu/>)
-
- [AI and ChatGPT Resources for Higher Education](#) (Alchemy)
 - [AI Tools, Resources, Projects, & Scholarship Spreadsheet](#) (AIRUS)
 - [Generative AI Product Tracker](#) (Ithaka S+R)



감사합니다!

Questions?

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