

Digital Nourishment: Using AI for Community Health Outreach Selected Resources and References

2024 Innovations in Nutrition Synergy Summit: Bridging Ideas and Innovation Presented by Kris Baldwin, <u>kbaldwin@iastate.edu</u>

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Generative Al	Create remarkable messaging	Use a variety of communication channels	Increase opportunities for managing campaigns
How it works			
Examples			
Practice			

Prompt Writing

Role	Task	Requirements	Output
(Act as)	(Create a)	(Be sure to)	(Turn into)
Instructor	Lesson	Include	Plain text
Learning designer	Summary	Exclude	Bulleted list
Researcher	Blog draft	Number	Concept map
Project manager	Book outline	Length	Table
Committee chair	Proposal	Steps	Spreadsheet
Facilitator	Video script	Level	Graph
Presenter	Email	Tone	Slides
Author	Recommendation letter	Inclusive	Code

Generative AI Tools

Microsoft Copilot	https://copilot.microsoft.com	Text, images
Open Al ChatGPT / DALL-E	https://openai.com/	Text, images
Midjourney	https://www.midjourney.com/home	Images
Google Gemini	https://gemini.google.com/app	Text, images
Anthropic Claude	<u>https://claude.ai</u>	Text
Perplexity	https://www.perplexity.ai/	Text

Prompting Tips

- <u>RACE</u> Role, Action, Context, Execute
- CRAFT Context, Role, Audience, Format, Task & Tone
- <u>Power Questions</u>- Prime, Augment, Refresh, Evaluate
- Prompt Libraries: Alchemy, Al for Work (

References

- Anders, A. (2024). Generative AI in Professional Communication.[Blog] <u>https://abramanders.substack.com/p/generative-ai-in-professional-communication</u>
- Bloom's Taxonomy Revisited (2023). Oregon State University Ecampus. <u>https://ecampus.oregonstate.edu/faculty/artificial-intelligence-tools/blooms-taxonomy-</u> <u>revisited.pdf</u>
- Demirdag, P. (2023). *The future of jobs*. What is Generative AI? Course from LinkedIn Learning <u>https://www.linkedin.com/learning/what-is-generative-ai</u>
- Bloom's Taxonomy Revisited by Oregon State University Ecampus <u>https://ecampus.oregonstate.edu/faculty/artificial-intelligence-tools/blooms-taxonomy-</u> <u>revisited.pdf</u>
- ELB Learning (2023.) How Artificial Intelligence Improves Employee Communication Skills: Sales Pitches, Customer Service, Leadership, Compliance, & More. [Ebook]. <u>https://hub.elblearning.com/hubfs/Downloadables/HowArtificialIntelligenceImprovesEmployeeCommunicationSkills-eBook_1.pdf</u>
- Faverio, M. and Tyson, A. (2023). *What the data says about Americans' views of artificial intelligence.* Pew Research Center. <u>https://www.pewresearch.org/short-reads/2023/11/21/what-the-data-says-about-americans-views-of-artificial-intelligence/</u>
- Gannotti, M. (2024). Recording *Copilot Use Cases for HR: Copilot for Microsoft 365 Starter Series*. Microsoft TechCommunity Blog post. <u>https://techcommunity.microsoft.com/t5/healthcare-and-life-sciences/recording-copilot-use-cases-for-hr-copilot-for-microsoft-365/ba-p/4082061</u>
- Leary, B. (2023). Artificial Intelligence in HR Could Make Hiring More Biased. Helios HR [Blog] https://www.helioshr.com/blog/artificial-intelligence-in-hr-could-make-hiring-more-biased
- Lebow, S. (2023.) Marketing uses for generative AI that will outlive the hype. Insider Intelligence. https://www.insiderintelligence.com/content/marketing-uses-generative-ai-that-will-outlive-hype
- Liu, D., and Christie, B. (2023). *Harnessing the Power of AI: Transforming Assignments and Assessments in Higher Education*. Alchemy. [Webinar] https://youtu.be/y5As7zVDzRQ?si=TMWLtBB4_XIFBBd5
- Microsoft Worklab (2023). AI Data Drop: The 11-by-11 Tipping Point. <u>https://www.microsoft.com/en-us/worklab/ai-data-drop-the-11-by-11-tipping-point/?apcid=006515f8a0a1865bb099cb00</u>
- Mollick, E. (2023). *Centaurs and Cyborgs on the Jagged Frontier.* One Useful Thing. [Blog]. <u>https://www.oneusefulthing.org/p/centaurs-and-cyborgs-on-the-jagged</u>
- North Carolina Generative AI Implementation Recommendations and Considerations for PK-13 Public Schools. (2024). North Carolina Department of Public Instruction. <u>https://www.dpi.nc.gov/press-release/ncdpi-generative-ai-implementation-recommendations-and-considerations-pk-13-public-schools/download?attachment</u>
- Penn, C. (2024). *In-Ear Insights: 4 Power Questions to Ask Generative AI Language Models*, Trust Insights. [Blog]. <u>https://www.trustinsights.ai/blog/2024/04/in-ear-insights-4-power-questions-to-ask-generative-ai-language-models/</u>
- Roser, M. (2022) "The brief history of artificial intelligence: the world has changed fast what might be next?" Published online at OurWorldInData.org. Retrieved from: 'https://ourworldindata.org/brief-history-of-ai' [Online Resource]

- Scott, A. (2023). Forward Thinking on how to live our longer lives with Andrew J. Scott. [Podcast] McKinsey Global Institute. <u>https://www.mckinsey.com/mgi/forward-thinking/forward-thinking-on-how-to-live-our-longer-lives-with-andrew-j-scott</u>
- Severin, A. (2023). *ChatGPT for Professors*. Silverbeet Books.
- Thompson, S. (2024). *Test Yourself: Which Faces Were Made by A.I.?* The New York Times. <u>https://www.nytimes.com/interactive/2024/01/19/technology/artificial-intelligence-image-generators-faces-quiz.html</u>
- Tiku, N. Schaul, K., and Chen, S.Y. (2023). *These fake images reveal how AI amplifies our worst stereotypes.* The Washington Post. <u>https://www.washingtonpost.com/technology/interactive/2023/ai-generated-images-bias-racism-sexism-stereotypes/</u>
- Wiegle, J., O'Neill, B., Locklear, M., Villegas, V., and Warren, D. (2023). *AI Basics for Extension*. Extension Foundation Webinar. <u>https://connect.extension.org/blog/resources-from-ai-basics-for-extension</u>
- Wilyerd, K., and Fissell, J. (2023). "How Will Generative AI Impact Learning Tech This Year?" Association for Training and Development. [Webinar].

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