

Using Generative AI in Speech and Language Therapy

Further Listening, Watching, Reading & Exploring!

Podcasts:

Jordan Wilson – Your Everyday AI Podcast (also on YouTube) – also offers a free prompting course

<https://www.youreyeverydayai.com/free-chatgpt-vs-chatgpt-plus-whats-the-difference/> (one of many many episodes!)

The Ezra Klein Show Podcast – How should I be using AI right now?

<https://www.nytimes.com/2024/04/02/opinion/ezra-klein-podcast-ethan-mollick.html>

Co-Intelligence: An AI Masterclass with Ethan Mollick | Stanford Graduate School of Business

<https://stanford.io/3KCWJDo>

Diary of an SLT Podcast – Ruth Crampton with Rachel Barton – Using AI to enhance my therapy sessions and enthuse others

<https://open.spotify.com/episode/4yTAOiPhylqiYWsDR6X3Wy?si=vky3V5YTQ4CEuUuuPHyDAQ>

The Infinite Monkey Cage – How I is AI? (Radio 4)

<https://www.bbc.co.uk/sounds/play/p0gr7lx0>

Writeupp Podcast – Human Touch in a Digital World – Using AI in Healthcare

https://www.youtube.com/watch?v=6U_uLjXEJAY&t=24s

Videos:

Henrik Kniberg - Generative AI in a Nutshell - how to survive and thrive in the age of AI

<https://www.youtube.com/watch?v=2IK3DFHRFfw>

CGP Grey - How AIs, like ChatGPT, Learn

<https://www.youtube.com/watch?v=R9OHn5ZF4Uo>

Gemini: ChatGPT-Like AI From Google DeepMind!

https://youtu.be/ex1GeX0lhJQ?si=fV-wlemmhhzB_uGI

Introducing GPT-4o

<https://www.youtube.com/watch?v=DQacCB9tDaw>

Two GPT4os interacting and singing

https://www.youtube.com/watch?v=MirzFk_DSil

Introducing Sora — OpenAI's text-to-video model

https://youtu.be/HK6y8DAPN_0

Hayls World – 10 ChatGPT hacks that take it to the next level!!!

<https://www.youtube.com/watch?v=LHNghEPMZIs>

Hayls World – 10 AI tools you must know in 2024!!!

<https://www.youtube.com/watch?v=YN9x04rhm7c>

Research and articles relating to SLT and AI:

Eldawlatly, S. On the role of generative artificial intelligence in the development of brain-computer interfaces. *BMC biomed eng* 6, 4 (2024). <https://doi.org/10.1186/s42490-024-00080-2>

<https://bmcbiomedeng.biomedcentral.com/articles/10.1186/s42490-024-00080-2>

Du & Juefei-Xu (2023) Generative AI for Therapy? Opportunities and Barriers for ChatGPT in Speech and Language Therapy

<https://openreview.net/pdf?id=cRZSr6Tpr1S>

Valencia, S et al (2023) “The less I type, the better”: How AI Language Models can Enhance or Impede Communication for AAC Users

<https://dl.acm.org/doi/fullHtml/10.1145/3544548.3581560?fbclid=IwAR2zU0AeLI8WEX7nicSiViLDWrYayFt19Goh8inrbDKAFZzcJfcvx6KAXwQ>

ASHA article – Using ChatGPT to create treatment materials

https://leader.pubs.asha.org/doi/10.1044/leader.EOAI.29032024.chatgpt-therapy-materials-slp.26/full/?utm_source=asha&utm_medium=newsletter&utm_term=picks&utm_content=040224&utm_campaign=ashanow

Jessica Cassity - ChatGPT and the SLP (Jan 2024)

<https://www.thedigitalslp.com/chatgpt-and-the-slp/>

More general research and articles relating to generative AI:

Ahmad, S.F., Han, H., Alam, M.M. et al. *Impact of artificial intelligence on human loss in decision making, laziness and safety in education*. *Humanit Soc Sci Commun* **10**, 311 (2023).

<https://doi.org/10.1057/s41599-023-01787-8>

Abbas, M., Jam, F.A. & Khan, T.I. *Is it harmful or helpful? Examining the causes and consequences of generative AI usage among university students*. *Int J Educ Technol High Educ* **21**, 10 (2024).

<https://doi.org/10.1186/s41239-024-00444-7>

<https://www.psypost.org/chatgpt-linked-to-declining-academic-performance-and-memory-loss-in-new-study/>

<https://www.signifyresearch.net/insights/top-five-predictions-for-generative-ai-in-healthcare-in-2024/>

<https://www.understandingai.org/p/large-language-models-explained-with>

<https://www.zdnet.com/article/chatgpt-vs-microsoft-copilot-vs-gemini-which-is-the-best-ai-chatbot/>

<https://eyekiller.com/blog/how-does-chatgpt-work-everything-you-need-to-know>

<https://leonfurze.com/2023/05/18/the-ai-iceberg-understanding-chatgpt/>

Translation capabilities:

<https://explodingtopics.com/blog/chatgpt-supported-languages>

Article on the range of languages supported by ChatGPT and the accuracy of translations

AI Safety:

Blog by Adam Jones exploring alignment

<https://aisafetyfundamentals.com/blog/what-is-ai-alignment/>

White paper detailing plans for implementing a pro-innovation approach to AI regulation

<https://www.gov.uk/government/publications/ai-regulation-a-pro-innovation-approach>

RCSLT information pages:

<https://www.rcslt.org/members/delivering-quality-services/artificial-intelligence-resources/#section-1>

Books:

Mollick, E. (2024). Co-Intelligence: Living and Working with AI

Also check out:

AI image creators:

<https://www.zdnet.com/article/best-ai-image-generator/>

<https://www.microsoft.com/en-gb/edge/features/image-creator>

<https://www.canva.com/ai-image-generator/>

<https://www.craiyon.com/>

<https://www.midjourneyai.ai/>

<https://www.openart.ai/>

AI summarisers:

<https://www.notta.ai/en/blog/best-ai-summarizers>

Companies using AI in SLT/health related software:

<https://beautifulvoice.co.uk/>

<https://www.cognishine.com/>

<https://chatty-learning.com/chatty-software/>

<https://www.ogmatherapy.com/>

<https://www.heidihealth.com/>

<https://kinva.health/>