

Generative AI at HCCC

ChatGPT and other
generative AI at the
college

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What is Generative AI (like ChatGPT)?



Current Generative AI
follows patterns to create
content

Text
Art
Sound
Video



It creates but it is not creative



It uses huge training sets of data and processing
power to quickly assemble new content



It is trained to emulate humans,
but not human-like

Example of Text Progression

► NY Times, May 5, 2023,
https://static.nytimes.com/email-content/OT_sample.html

0 rounds of training

2u'T- t'wMOZeVsa.f0
JC1hp
ndrsR6?to8j7dC
VCyHwrWFYYGr"X8,I
OwC!WAE_]!LtZf8&O
r6d'KDiD77Wq'Y4Nt
V:_'NP"iPaWx6J"AEP
ADPrWMPbm"PB(2*
*S&O-swgJlu:QmY

500 rounds of training

Cornon he this ther
sall attred
brendibled be on be
lasible nothe fare
gorn ond fere
fartion, of the wholt
they had connes,
nevers perss press,
forre prove the so
maribliane.

30,000 rounds of training

"My dear Fanny, who
is a match of your
present satisfaction,
and I am at liberty
and dinner, for
everybody can be
happy to you again;
and now when I
think I used to be
capable of other
people,

Current AI Issues

Ethics

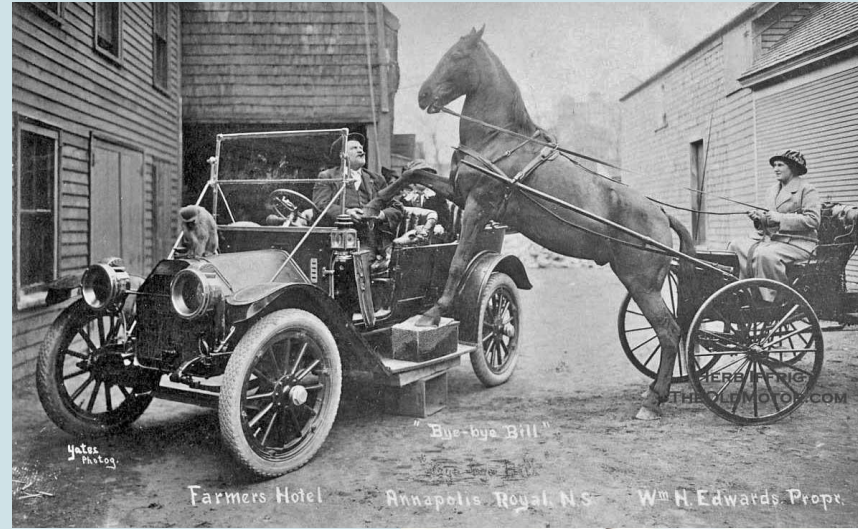
- Was permission granted to **train from content creator**?
- Following existing patterns perpetuates bad outcomes, and can be oppressive
- Access - Large language models (ChatGPT, Bard) **based** almost exclusively in English
- Consume large amounts of energy, require Internet access

Security

- **Your input** is used to further train the AI
- People may feed sensitive information
- **Crafts more** convincing phishing, fraud

AI Accelerates Existing Tech - Disruptive Technology

- ❖ Cars
- ❖ Telephone
- ❖ Personal computers
- ❖ Internet
- ❖ Smart Phones
- ❖ Streaming video



Generative AI Misinformation



The four E's of how Higher Education should be reacting to Generative AI

1) Empowering

Empowering our faculty with tools to make informed decisions

2) Enhancing

Enhancing or rethinking traditional assessments

3) Educating


Educating our faculty and students on how to use AI ethically and appropriately

4) Embracing

Embracing generative AI in teaching, and to boost instructor productivity



1) Empowering our faculty with tools to make informed decisions




Tessa Ruiz
The Goliath of the Sea

Details

The Goliath of the Sea

The majestic blue whale, the goliath of the sea, certainly stands alone within the animal kingdom for its adaptations beyond its massive size. At 30 meters (98 ft) in length and 190 tons (210 short tons) or more in weight, it is the largest existing animal and the heaviest that has ever existed. Despite their incomparable mass, aggressive hunting in the 1900s by whalers seeking whale oil drove them to the brink of extinction. But there are other reasons for why they are now so endangered.



Blue-Whale Balaenoptera Musculus

The blue whale's common name derives from bluish-hue that covers the upper side of its body, while its Latin designation is *Balaenoptera musculus*. The blue whale belongs to the Mysticeti suborder of cetaceans, also known as baleen whales, which means they have fringed plates of fingernail-like material, called baleen, attached to their upper jaws. Blue whales feed almost exclusively on krill, though they also take small numbers of copepods. An adult blue whale can eat up to 40 million krill in a day.

How much of this submission has been generated by AI? ⓘ

75%

of qualifying text in this submission has been determined to be generated by AI.

1	en.wikipedia.org Internet source	17%	>
2	www.squidoo.com Internet source	12%	>
3	Submitted to Pinecrest ... Student paper	9%	>
4	animals.nationalgeogr... Internet source	7%	>

AI

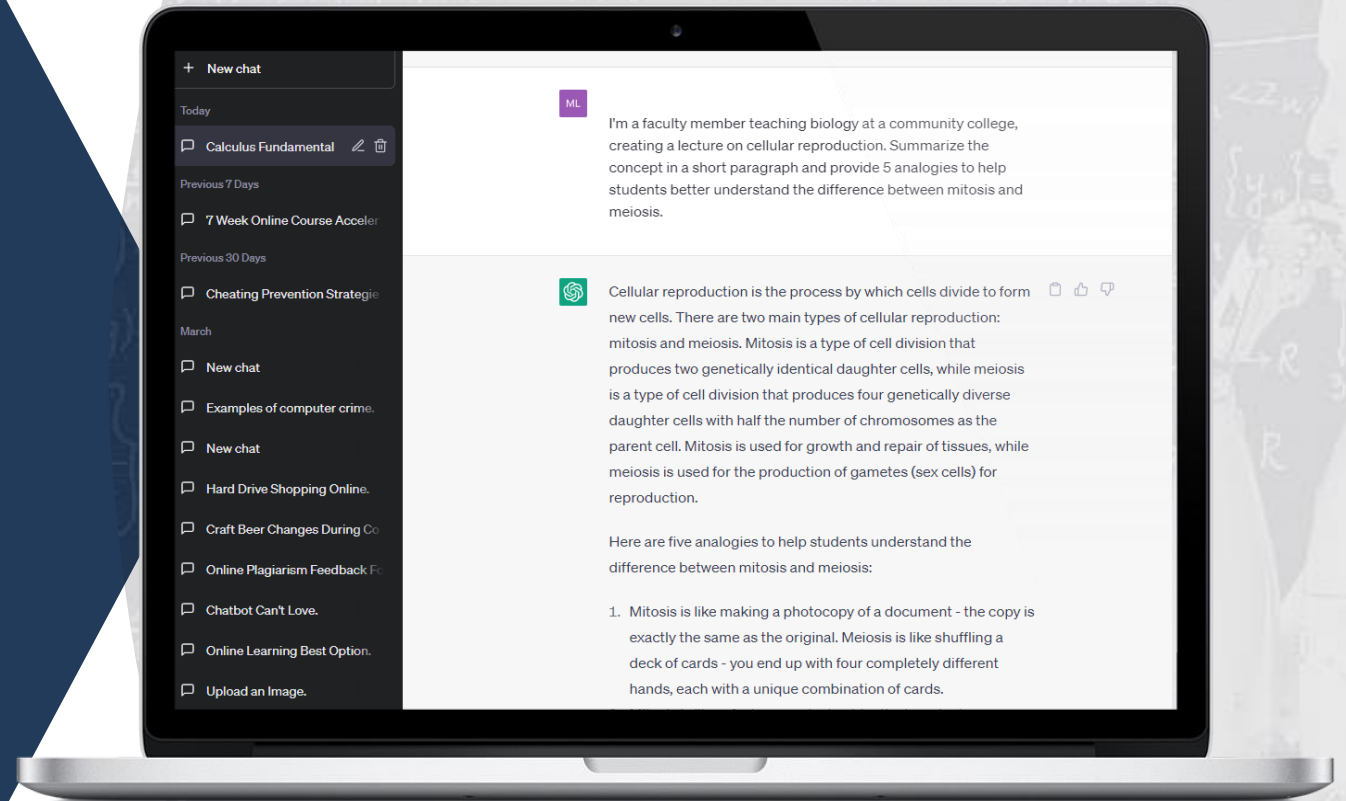
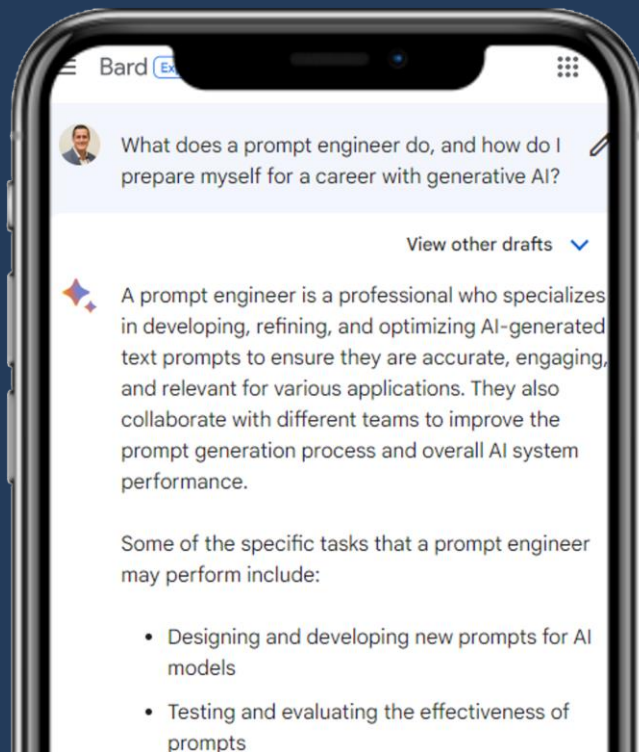


AI

2) Enhancing or rethinking traditional assessments




3) Educating our faculty and students on how to use AI ethically and appropriately



4) **Embracing** generative AI in teaching, and to boost instructor productivity



The background of the slide features a light blue-grey color with a pattern of interlocking gears of various sizes, creating a mechanical or industrial aesthetic. On the left side, there is a dark grey arrow pointing horizontally to the right. Several thin, dark, curved lines originate from the left edge and sweep across the slide, adding a sense of motion or design.

Thank You!
Questions?