

Artificial Intelligence and Academic Integrity

23 February, 2023, 10:00-12:00

YORK 





- 10:00 – 10:15: Introduction
 - Welcome
 - Panel introduction
 - Land acknowledgement
 - Overview of session
- 10:15 - 10:30: Demo of ChatGPT
- 10:30 – 11:30: Panel discussion
- 11:30 – 12:00: Breakout room discussion (session ends after breakout rooms)

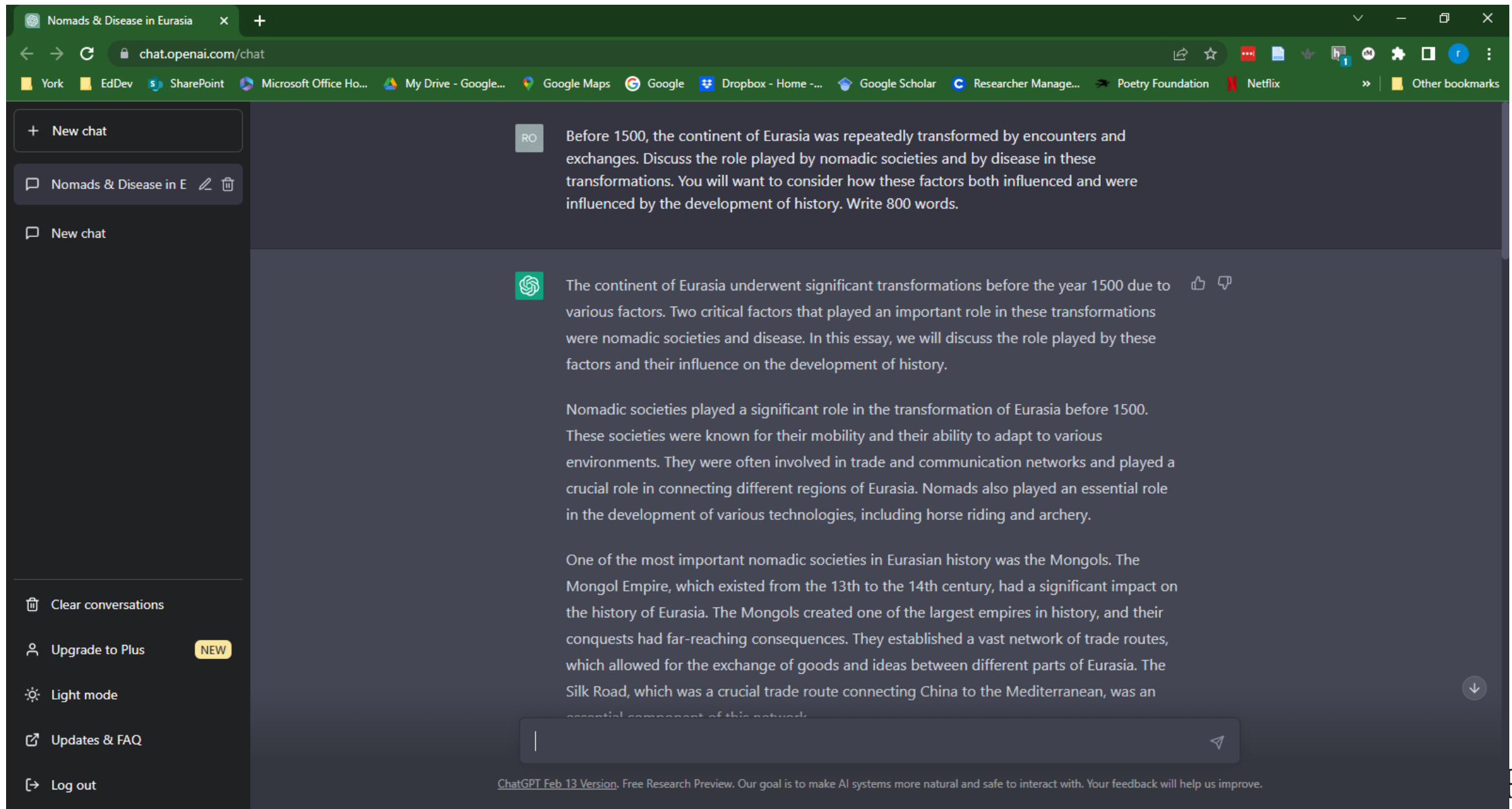
Chat GPT Demo

The screenshot shows the ChatGPT website interface. At the top, there is a browser window with the URL `chat.openai.com/chat`. Below the browser, a sidebar on the left contains a '+ New chat' button and a menu with options: 'Upgrade to Plus' (with a 'NEW' badge), 'Light mode', 'Updates & FAQ', and 'Log out'. The main content area features the 'ChatGPT' title and three columns: 'Examples', 'Capabilities', and 'Limitations'. Each column contains three items with icons and text. At the bottom, there is a search bar and a footer with the text: 'ChatGPT Feb 13 Version. Free Research Preview. Our goal is to make AI systems more natural and safe to interact with. Your feedback will help us improve.'

Examples	Capabilities	Limitations
<p>☀️</p> <p>"Explain quantum computing in simple terms" →</p>	<p>⚡</p> <p>Remembers what user said earlier in the conversation</p>	<p>⚠️</p> <p>May occasionally generate incorrect information</p>
<p>"Got any creative ideas for a 10 year old's birthday?" →</p>	<p>Allows user to provide follow-up corrections</p>	<p>May occasionally produce harmful instructions or biased content</p>
<p>"How do I make an HTTP request in Javascript?" →</p>	<p>Trained to decline inappropriate requests</p>	<p>Limited knowledge of world and events after 2021</p>

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Chat GPT Demo: Example 1 (Exam essay question, Humanities)



The screenshot shows a web browser window with the URL `chat.openai.com/chat`. The browser's address bar and tabs are visible at the top. The chat interface has a dark theme. On the left side, there is a sidebar with options: '+ New chat', 'Nomads & Disease in E' (with edit and delete icons), 'New chat', 'Clear conversations', 'Upgrade to Plus' (with a 'NEW' badge), 'Light mode', 'Updates & FAQ', and 'Log out'. The main chat area contains a user prompt and a GPT response.

User Prompt:

Before 1500, the continent of Eurasia was repeatedly transformed by encounters and exchanges. Discuss the role played by nomadic societies and by disease in these transformations. You will want to consider how these factors both influenced and were influenced by the development of history. Write 800 words.

GPT Response:

The continent of Eurasia underwent significant transformations before the year 1500 due to various factors. Two critical factors that played an important role in these transformations were nomadic societies and disease. In this essay, we will discuss the role played by these factors and their influence on the development of history.

Nomadic societies played a significant role in the transformation of Eurasia before 1500. These societies were known for their mobility and their ability to adapt to various environments. They were often involved in trade and communication networks and played a crucial role in connecting different regions of Eurasia. Nomads also played an essential role in the development of various technologies, including horse riding and archery.

One of the most important nomadic societies in Eurasian history was the Mongols. The Mongol Empire, which existed from the 13th to the 14th century, had a significant impact on the history of Eurasia. The Mongols created one of the largest empires in history, and their conquests had far-reaching consequences. They established a vast network of trade routes, which allowed for the exchange of goods and ideas between different parts of Eurasia. The Silk Road, which was a crucial trade route connecting China to the Mediterranean, was an essential component of this network.

At the bottom of the chat area, there is a text input field with a cursor and a send button. Below the input field, there is a footer text: "ChatGPT Feb 13 Version. Free Research Preview. Our goal is to make AI systems more natural and safe to interact with. Your feedback will help us improve."

Chat GPT Demo: Example 1 (Exam essay question, Humanities)

- Modified slightly from an in-person mid-term exam in a 1st year global history course
- Prompt given to Chat GPT:
 - Before 1500, the continent of Eurasia was repeatedly transformed by encounters and exchanges. Discuss the role played by nomadic societies and by disease in these transformations. You will want to consider how these factors both influenced and were influenced by the development of history. Write 800 words.
- The response:
 - C+/B- if written during in-person exam setting; D (at best) if given as take-home exam or essay assignment
 - Response is overly general, doesn't reference specific terms/reading/content from course, and lacks a substantive argument
 - Regenerated response not identical but strikingly similar

Chat GPT Demo: Example 2 (Reflection on learning, Nursing)

The screenshot shows a web browser window with the URL `chat.openai.com/chat`. The browser's address bar and tabs are visible at the top. The chat interface has a dark theme. On the left, there is a sidebar with a 'New chat' button and a list of previous conversations: 'Collaboration in Health', 'Nomads & Disease in Eurasia', and another 'New chat'. At the bottom of the sidebar are options for 'Clear conversations', 'Upgrade to Plus' (with a 'NEW' badge), 'Light mode', 'Updates & FAQ', and 'Log out'. The main chat area shows a user prompt: 'Can you write me a 300-word reflection on what I learned about collaboration in health care from a group project? To give some context, the project was to create and present an evidence-based patient care plan in response to a case study, from the perspective of a nurse working in a cross-disciplinary hospital team. Our group was mostly great but one person's contributions were not good enough and the rest of us had to redo their work.' The AI's response, marked with the OpenAI logo, is a 300-word reflection. It discusses the importance of collaboration in healthcare, the challenges of working in a team, and the lessons learned from a group project. The reflection is structured into three paragraphs. The first paragraph introduces the topic and the project context. The second paragraph discusses the importance of clear communication and the challenges of working in a team. The third paragraph discusses the importance of a collaborative approach to problem-solving. At the bottom of the chat area, there is a text input field and a send button. A footer at the bottom of the page reads: 'ChatGPT Feb 13 Version. Free Research Preview. Our goal is to make AI systems more natural and safe to interact with. Your feedback will help us improve.'

Chat GPT Demo: Example 2 (Reflection on learning, Nursing)

- Hypothetical reflection-on-learning prompt after a group project
- Prompt given to Chat GPT:
 - Can you write me a 300-word reflection on what I learned about collaboration in health care from a group project? To give some context, the project was to create and present an evidence-based patient care plan in response to a case study, from the perspective of a nurse working in a cross-disciplinary hospital team. Our group was mostly great but one person's contributions were not good enough and the rest of us had to redo their work.
- The response:
 - Would definitely meet requirements for a low-stakes or pass/fail assignment
 - Response is rather impersonal/unemotional, doesn't reference specific terms/reading/content from course, feels like it is missing the "how" when talking about next steps

Panel Topics

- Description of AI technology/tools
- Ways to re-evaluate pedagogy
- Ways to restructure assessments
- How to detect when students have used these tools
- Policy and guidance
- The Future of AI in Education
- Best practices for their use

Guidance and Resources

- › Statement on AI technology and academic integrity (Communication by the ASCP):
https://www.yorku.ca/unit/vpacad/academic-integrity/wp-content/uploads/sites/576/2023/02/Academic-Integrity_AI-Technology-Statement.pdf
- › Webpage for faculty members:
<https://www.yorku.ca/unit/vpacad/academic-integrity/ai-technology-and-academic-integrity/>
- › Communication to students: <https://students.yorku.ca/updates/latest-news/24>
- › Webpage for students: <https://www.yorku.ca/unit/vpacad/academic-integrity/ai-technology-academic-integrity/>