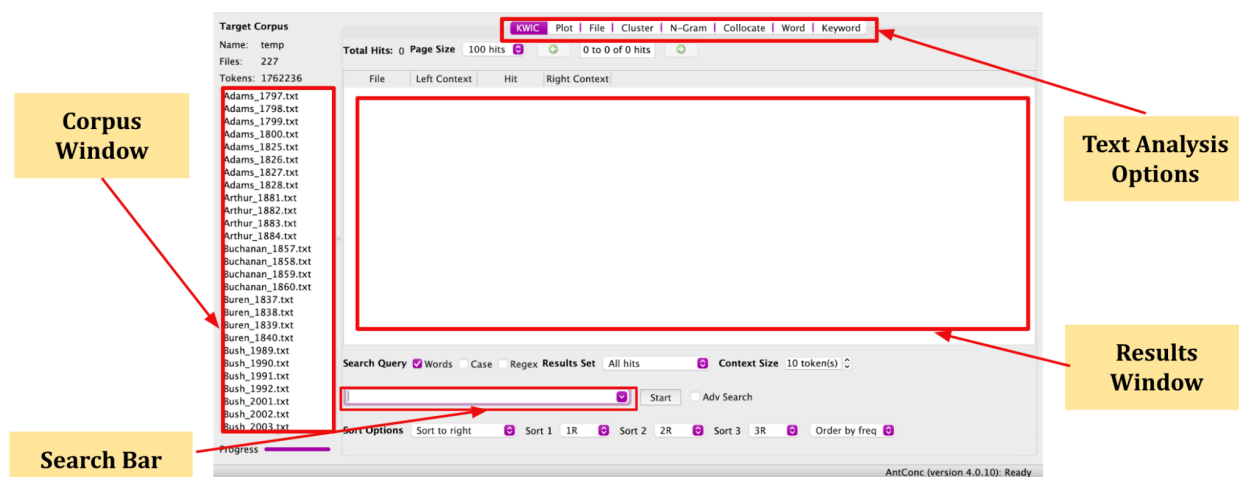# Text Analysis with AntConc

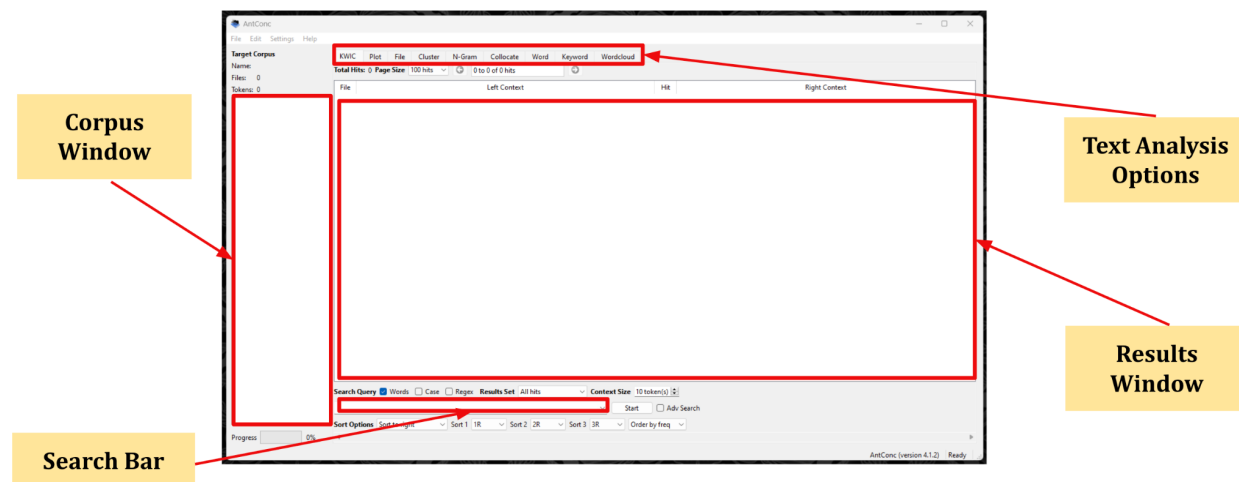## Preparing Corpus for AntConc
- AntConc can only process plain text (.txt) files.
- These plain text files should be prepared prior to uploading into AntConc (i.e. removing stopwords, lowercasing).

Anatomy of AntConc

Mac:

PC:

Northeastern University
NULab for Texts, Maps, and Networks

Uploading your Corpus

- After opening AntConc, go to "File" and then "Create Quick Corpus" or "Open File(s) as 'Quick Corpus'" (or use the keyboard shortcut ⌘N on Macs).
- Then select all of the .txt files you would like to use in your analysis and upload into AntConc.
- You will see the names of all the .txt files in the Corpus Window.

Analysis Tools

- **Concordance Tool (KWIC):** This tool shows search results in a 'KWIC' (KeyWord In Context) format. This allows you to see how words and phrases are commonly used in a corpus of texts. Type a term or phrase into the search box. AntConc allows you to search for both single words and full phrases.
- **Concordance Plot Tool:** This tool shows search results plotted in a 'barcode' format. This allows you to see the position where search results appear in target texts. Type a word or phrase into the search box to utilize this tool.
- **Cluster Tool:** The Cluster Tool shows clusters based on the search condition. In effect, it summarizes the results generated in the Concordance Tool or Concordance Plot Tool.
- **N-Gram Tool:** The N-Gram Tool scans the entire corpus for 'N' (e.g. 1 word, 2 words, …) length clusters. This allows you to find common expressions in a corpus. You can adjust the length of the clusters using the "N-Gram Size" option near the search bar.
- **Collocate Tool:** This tool allows you to investigate non-sequential patterns in language. This tool provides the frequency of words appearing to the left or the right of the search query. The value measures how 'related' the search term and the collocate are. You can try different sorting options, including increasing the window span, or number of words near the search query. If you double click on a word, it shows you that term in the Concordance (KWIC) tool to show the word in its original contexts.