ContentMine
Fellowship Programme

At ContentMine we are justifiably proud of our Fellowship programme.

About Us

ContentMine is a leading text and data mining with headquarters in Cambridge, England.

We are a not for profit organisation committed to building Open tools, protocols and wider technology to support knowledge extraction and re-use of scientific facts. We specialise in creating tools to mine scholarly and research literature.

Text and data mining enables large volumes of text and other data uses machines to read the scientific literature and extract facts and patterns. Mining is not just restricted to academic papers, other content that can be mined includes text, images, photos, graphs, tables, datasets, figures, metadata and supplementary information.

Using the tools developed by ContentMine, researchers can download and analyse research papers in a fraction of the time taken for manual searching.

Our Fellowship programme

As a leading text and data mining organisation, with strong links to academia, we wish to encourage early career researchers to be early adopters of data mining techniques to get the best from their research and to help develop the tools of the future.

We want to support talented individuals to become early adopters of our tools in the hope that together we can accelerate their research and its impact in society.

Our experience demonstrates that many researchers spend substantial amounts of time (and funding) performing information gathering tasks manually when they could be much more efficient by partnering with machines and freeing themselves up for more useful tasks.

We have developed an open source tool chain for extracting facts from scientific literature and publishing them as open data
for further analysis, ingestion into platforms such as Wikidata, annotation and linking. Our Fellowship programme gives early career researchers access to not only to these tools, but to those under development.

Fellows can scope what assistance they need with their projects. We then provide training, mentoring and technical support, including access to fellows only webinars. We can also develop tools to assist fellows with their research on a bespoke basis and all our fellow receive a free ipad.

All of the tools used by our fellows are open source and made available to the wider community.

In return we ask for your enthusiasm for our mission to make scientific knowledge accessible to all, and the ability to contribute to alpha testing of new tools. We believe that case studies from successful fellowship projects will help break down the barriers for others to engage with text and data mining!

You do not need a high level of technical competence to run our tools and full training will be provided.

Alexandra’s research aims to review and understand the true impact of studies which model depression in animals.

As a large systematic review like this is incredibly resource consuming, she is using ContentMine’s tools to automate the process and extract facets which can speed up later analysis.

Such measures have the potential to reduce human workload and expedite scientific advances.

Lars is content mining articles about conifers to create an interactive network-like database about conifers, and the relation between conifers and metabolites, diseases and parasites.

ContentMine’s tools have been fine-tuned to extract the information from all useful existing articles the first time, and later to update the database with new information.

Mission Statement

The liberation of scientific knowledge from public documents to make it useful for everybody.

To support an Open community that uses and promotes content mining.

To create an Open toolbox of software, protocols and resources for mining.

To work with partners to create better tools and support their knowledge extraction.