

Natural Language Processing for eScience

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NLP : Text \rightarrow “Useful” Data

- ▶ Abstract, interpretable linguistic features
- ▶ Unsupervised methods: discovering topics, clusters
- ▶ Supervised methods: regression, categorization
- ▶ Customized models for measurement (and other inference) from text (and other) data

Current projects:

- ▶ Computational models of framing in the media
- ▶ Inferring the utility functions of authors

<http://www.ark.cs.washington.edu> <http://nlp.washington.edu>