FOR GRADUATE STUDENTS - NON-UW RESOURCES

PROFESSIONAL ORGANIZATIONS

- Linguistic Society of America (the department will cover your membership! Depending on availability and funding, of course)
- Linguist List
- Acoustical Society of America
- International Phonetic Association
- Association for Laboratory Phonology
- Slavic Linguistics Society
- Generative Linguistics in the Old World
- The Society for the Study of the Indigenous Languages of the Americas
- Association for Computational Linguistics
- International Speech Communication Association
- IEEE Signal Processing Society and Speech and Language Technical Committee
- American Association for Applied Linguistics
- International Gender and Language Association
- American Dialect Society
- Society of Caribbean Linguistics
- Society for Pidgin and Creole Linguistics

CITATION TOOLS (NOT AN EXHAUSTIVE LIST)

- Library guide on citation management software
- Web of Science (restricted to peer reviewed journal articles and books)
- Google Scholar (promiscuous citation index - not restricted)
- Often a UW Libraries search will be sufficient.

GENERAL LINGUISTICS RESOURCES

- All Things Linguistic - a regular blog and veritable rabbit hole of linguistic resources, including teaching materials, slides, activities, videos.
- LingAlert - subscribe for conference announcements (a leaner, sparser version of LINGUIST List).
- Lingbuzz - unpublished manuscripts, sometimes very provocative new research
- Rutgers Optimality Archive (ROA) - similar to Lingbuzz, but research in OT only (and not just phonology)
- UNC page on conferences - very important to read and reference: not all conferences were created equal.
- LINGUIST List - still the best resource for conferences and job postings in Linguistics.
- PHOIBLE - a repository of cross-linguistic phonological inventory data.
- Famous linguists' blogs: Language Log; David Adger, Norbert Hornstein, Arnold Zwicky, Kai von Fintel
- Every linguist should email Noam Chomsky at least once.
- TROLLing - The Tromsø Repository of Language and Linguistics: an open access archive of linguistic data and code (intro video)

CORPORA

UW has access to many corpora:
- **BYU Corpora** - includes COCA, and a dozen other easily-searchable English and Spanish corpora with historical, genre, domain information etc.
- **Quranic Arabic Treebank** - entire Quran (beautifully) treebanked in dependency grammar.
- **UCLA's Voice Project** - recordings and corresponding text grids for languages with various types of voice quality.

**SOFTWARE**

- Drawing trees: [Treeform](http://treeform.com/) (WYSIWYG/drag-n-drop), [phpSyntaxTree](http://phpsyntaxtree.com) (easy bracket notation)
- Parsers: [Minimalist Machine](http://minimalistmachine.com) (parser for minimalist syntax), [XLFG parser](http://www.xlfparser.com)
- [English Resource Grammar demo](http://englishresourcegrammar.com)
- [DELPH-IN parsers & grammars](http://www.delphin.org)
- Semantics: [The Lambda Calculator](http://thelambdacalculator.com) (fun! Play with predicate calculus derivations when you take Semantics 2!)
- Recruiting: [Mechanical Turk guide](http://mechanicalturk.com) (resources within)

**LATEX**

- [Wikibooks page](http://wikibooks.org/wiki/LaTeX) is excellent with lots of snippets
- [The classic Essex guide](http://www.essex.ac.uk/linguistics/latex/)
- [LSA page of LaTeX](http://www.stat.psu.edu/~jim/lsa/latex/)
- [Detexify](http://detexify.kuro54.com/) - handwrite a symbol, get the LaTeX code! Handy for IPA!
- [Dynamic OT Tableau generator](http://www.ottoolbox.com)
- UW Dissertation [LaTeX template](http://www.latexguide.org/)
- Brent's LaTeX tutorials
- [Cheat Sheets for AI, Neural Networks, Machine Learning, Deep Learning & Big Data](http://ml cheatsheet.com/)
- [The Goodfellow, Bengio, and Courville textbook on deep learning](http://www.deeplearningbook.org/) is available for free
- For more hands-on resources, [com](http://www.comlab.ox.ac.uk/) is a nice blog that has sample code for deep learning, mostly with Keras
- [Embed, encode, attend, predict: The new deep learning formula for state-of-the-art NLP models](http://ruder.io/word-embeddings-1/)
- [A Neural Probabilistic Language Model](http://www.cs.ubc.ca/~maskin/)
- [Convolutional Neural Networks for Sentence Classification](http://www.cs.ubc.ca/~maskin/)
- [Recurrent Neural Network Grammars](http://www.cs.ubc.ca/~maskin/)
- [A Primer on Neural Network Models for Natural Language Processing](http://www.cs.ubc.ca/~maskin/)
- [The Unreasonable Effectiveness of Recurrent Neural Networks](http://www.cs.ubc.ca/~maskin/)
- [Deep Learning for NLP with Pytorch](http://www.cs.ubc.ca/~maskin/)
- ML in NLP blogs:
  - Word Embeddings - [http://ruder.io/word-embeddings-1/](http://ruder.io/word-embeddings-1/) (The author has made an entire 4-5 blog series)
  - Another excellent site with easier to understand blogs - [http://www.wildml.com/](http://www.wildml.com/)
  - Reinforcement Learning - [https://deeplearning4j.org/](https://deeplearning4j.org/)
  - Excellent from scratch MOOC - [http://www.fast.ai/](http://www.fast.ai/)

**DEEP LEARNING TUTORIALS AND RESOURCES**

- [CS224 Language Processing with Deep Learning](http://cs224.github.io/)
- [LSTM by Example using TensorFlow](http://towardsdatascience.com/)
- [Recurrent Neural Networks in Tensorflow II (R2RT)](http://www.tensorflow.org/)
- [RNNs in Tensorflow, a Practical Guide and Undocumented Features](http://www.tensorflow.org/)
- [Aymericdamien's Tensorflow-Examples Github](http://www.tensorflow.org/)
- [Advanced dynamic seq2seq with Tensorflow](http://www.tensorflow.org/)
- [A quick tutorial to Tensorflow](http://www.tensorflow.org/)
- [Epochs vs. Batch Size vs. Iterations](http://www.tensorflow.org/)
- [Cheat Sheets for AI, Neural Networks, Machine Learning, Deep Learning & Big Data](http://www.tensorflow.org/)
- [The Goodfellow, Bengio, and Courville textbook on deep learning](http://www.tensorflow.org/) is available for free
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