Jason Mielens
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Education

- **University of Texas at Austin** — Austin, TX
  Ph.D. Linguistics (in progress) — *2011 - Present*
    - Major Area: Computational Linguistics
    - Minor Area: Documentary Linguistics

- **University of Wisconsin - Madison** — Madison, WI
  B.S. Computer Sciences & Linguistics — *2006 - 2011*
    - Specialization in Natural Language Processing
    - Graduation with Distinction
    - 3.9/4.0 GPA

Work Experience

- **University of Texas at Austin** — Austin, TX
  Graduate Research Assistant - Computational Linguistics — *Aug. 2012 - Present*
    - Conducted research on the use of morphological knowledge in computational techniques.
    - Focused on low-resource languages and low-data scenarios.

- **University of Texas at Austin** — Austin, TX
  Graduate Teaching Assistant — *Aug. 2011 - May 2012*
    - Graded assignments and exams.
    - Prepared and delivered occasional substitute lectures.
    - Classes: Introduction to Linguistics, Phonology I

- **University of Wisconsin - Madison** — Madison, WI
  Laryngeal Physiology Lab - Research Assistant — *Jan. 2010 - June 2012*
    - Conducted research focused on swallowing disorders, primarily involving novel methods of detection and classification of dysphagias.
    - Provided computer programming support for multiple lab groups.

Awards, Grants & Honours

Student Poster Award - Dysphagia Research Society	2012
Phi Beta Kappa	2010
Kemper K. Knapp Scholarship	2006

Publications

- Dan Garrette, **Jason Mielens** and Jason Baldridge. *Real-World Semi-Supervised Learning of POS-Taggers for Low-Resource Languages.* Proceedings of the 51st Annual Meeting of the Association for Computational Linguistics. 2013 (To Appear).

- Hoffman MR,**Mielens JD**, Omari T, Rommel N, Jiang JJ. *Artificial neural network classification of pharyngeal high-resolution manometry with impedance data.* Laryngoscope. 2012

- **Mielens JD**, Hoffman MR, Ciucci MR, Mcculloch TM, Jiang JJ. *Application of classification models to pharyngeal high-resolution manometry.* J Speech Lang Hear Res. 2012

- Hoffman MR, **Mielens JD**, Ciucci MR, Jones CA, Jiang JJ, Mcculloch TM. *High-Resolution Manometry of Pharyngeal Swallow Pressure Events Associated with Effortful Swallow and the Mendelsohn Maneuver.* Dysphagia. 2012

- **Mielens JD**, Hoffman MR, Ciucci MR, Jiang JJ, Mcculloch TM. *Automated analysis of pharyngeal pressure data obtained with high-resolution manometry.* Dysphagia. 2011;26(1):3-12.

- Hoffman MR, Ciucci MR, **Mielens JD**, Jiang JJ, Mcculloch TM. *Pharyngeal swallow adaptations to bolus volume measured with high-resolution manometry.* Laryngoscope. 2010;120(12):2367-73.

Conference Presentations

- "Classification of Pharyngeal High-Resolution Manometry With Impedance Data Using Artificial Neural Networks", 20th Annual Dysphagia Research Society, Toronto CA, 2012

- "Application of Pattern Recognition Techniques to Pharyngeal High-Resolution Manometry", 19th Annual Dysphagia Research Society, San Antonio TX, 2011