

# Timothy O’Gorman

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## Education

- 2012–present **PhD, Linguistics**, *University of Colorado, Boulder, CO.*  
- Estimated defense date: August 2018
- 2008–2010 **MA, Linguistics**, *University of Colorado, Boulder, CO.*  
- with certificate in Human Language Technology
- 2003–2008 **BA, English**, *University of Illinois at Urbana-Champaign, Urbana, IL.*

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## Publications

- Tim O’Gorman , Sameer Pradhan, James Gung, Julia Bonn, Katherine Conger and Martha Palmer (2018). “The New Propbank: Aligning Propbank with AMR through POS Unification.” *accepted to proceedings of the Language Resources and Evaluation Conference 2018*
- Claire Bonial, Bianca Badarau, Kira Griffitt, Ulf Hermjakob, Kevin Knight, Tim O’Gorman, Martha Palmer and Nathan Schneider. “Abstract Meaning Representation of Constructions: The More We Include, the Better the Representation” *accepted to proceedings of the Language Resources and Evaluation Conference 2018*
- Hwang, Jena D., Archana Bhatia, Na-Rae Han, Tim O’Gorman, Vivek Srikumar, and Nathan Schneider. “Double Trouble: The Problem of Construal in Semantic Annotation of Adpositions.” *In Proceedings of the 6th Joint Conference on Lexical and Computational Semantics (\*SEM 2017)*, pp. 178-188. 2017.
- Claire Bonial, Kathryn Conger, Jena D. Hwang, Aous Mansouri, Yahya Aseri, Julia Bonn, Timothy O’Gorman, and Martha Palmer (2017), “Current Directions in English and Arabic PropBank”, In *The Handbook of Linguistic Annotation* Ed. James Pustejovsky and Nancy Ide. Springer.

- Tim O’Gorman, Kristin Wright-Bettner, and Martha Palmer. “Richer Event Description: Integrating event coreference with temporal, causal and bridging annotation.” *In Proceedings of the 2nd Workshop on Computing News Storylines (CNS 2016)*, pp. 47-56. 2016.
- Nathan Schneider, Jena D. Hwang, Vivek Srikumar, Meredith Green, Abhijit Suresh, Kathryn Conger, Tim O’Gorman, and Martha Palmer. “A corpus of preposition supersenses.” *In Proceedings of the 10th Linguistic Annotation Workshop held in conjunction with ACL*, pp. 99-109. 2016.
- Yu Hong; Tongtao Zhang; Tim O’Gorman; Sharone Horowitz-Hendler; Heng Ji; Martha Palmer, Building a Cross-document Event-Event Relation Corpus, *in proceedings of 10th Linguistic Annotation Workshop (LAW-X 2016)*, w/ ACL 2016, Berlin, Germany, August, 2016.
- Rei Ikuta, Will Styler, Mariah Hamang, Tim O’Gorman and Martha Palmer (2014) “Challenges of Adding Causation to Richer Event Descriptions”, *In proceedings of the 2nd Events Workshop, held in conjunction with ACL 2014, Baltimore, MD*.
- Abdelati Hawwari, Wajdi Zaghouni, Tim O’Gorman, Ahmed Badran, Mona Diab “Building a lexical semantic resource for Arabic morphological Patterns.” *International Conference on Communications, Signal Processing, and their Applications (ICCSPA), 2013 1st. IEEE, 2013*.
- Andrew Cowell and Tim O’Gorman “Speech-Genre Effects on Statistical Measurements of Arapaho Language Competency.” in *Proceedings of 44th Algonquian Conference*, Chicago, 2012.
- Warner, Colin, Arrick Lanfranchi, Tim O’Gorman, Amanda Howard, Kevin Gould, and Michael Regan. “Bracketing biomedical text: an addendum to Penn Treebank II guidelines.” (2012).

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## Presentations and Tutorials

- O’Gorman, Tim (2016). “Abstract Meaning Representation and FraCas”, invited speaker at 13th Logic and Engineering of Natural Language Semantics, Tachikawa City, Tokyo, Japan, November 13, 2016

- Nathan Schneider, Jeff Flanigan, Tim O’Gorman (2015). “The Logic of AMR: Practical, Unified, Graph-Based Sentence Semantics for NLP”, Tutorial at NAACL-HLT, Denver, Colorado. May 31, 2015
- O’Gorman, Timothy (2010): “Two Kinds of Definiteness in Lakhota”. 30th Annual Siouan and Caddoan Language Conference, Northeastern Illinois University, Chicago, June 5, 2010

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## Relevant Professional Work

- 10/2012- **Graduate Research Assistant**, *University of Colorado*,  
present *Boulder*.
- Management of annotation and guidelines development for AMR CU annotations (Banarescu et al. 2012), RED (O’Gorman et al. 2016), multi-sentence AMR (O’Gorman et al., in prep), Treebanking, POS and NP Chunking annotations.
  - Data preparation, QC, and pre-annotation systems for Treebank, Propbank, multi-sentence AMR
  - Development of NER projection for LORELEI low-resource language annotation
- 1/2017- **Teaching Assistant**, *University of Colorado, Boulder*.
- 12/2017, teaching recitations for Linguistics 2000 (Intro to Linguistics) and Linguistics 5030 (Graduate Phonetics)
- 10/2010- **Professional Research Assistant – Annotator**, *University of Colorado, Boulder*.  
10/2012 Mayo clinic annotation project – treebanking; propbanking; temporal annotation
- 5/2010- **Graduate Research Assistant – Annotator**, *University of Colorado, Boulder*.  
10/2010 clinical notes annotation – treebanking; propbanking; temporal (5/2010 – 10/2010) CRAFT biomedical annotation – treebanking (9/2008 – 10/2010)

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## Relevant Computational Coursework

CSCI 5622	Machine Learning	<i>M. Wilder</i>
CSCI 5832	Natural Language Processing	<i>J. Martin</i>
CSCI 5922	Neural Nets and Deep Learning	<i>M. Mozer</i>
LING 6300	Machine Learning & Linguistics	<i>M. Hulden</i>
CSCI 7000	Advanced Machine Learning for NLP	<i>J. Boyd-Graber</i>
LING 7800	Computational Lexical Semantics	<i>M. Palmer</i>

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## Languages

Arabic/MSA	proficient	<i>University of Illinois, University of Colorado</i>
French	reading proficient	<i>Dekalb High School</i>
Lakhota	structural knowledge	<i>Language Structure course; University of Colorado</i>
Arabic - Morrocan	structural knowledge	<i>Field Methods course; University of Colorado</i>

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## Computer Skills

Programming Languages	Python; Lisp
ML toolkits	Pytorch; Dynet; Tensorflow
Annotation Toolkits	TreeEditor; Jubilee; Anafora, AMR Editor