

# Eduardo Blanco | Curriculum Vitae

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Last updated: March 2020

## Education

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The University of Texas at Dallas  
*Ph.D., Computer Science* Richardson, TX  
May 2011

Polytechnic University of Catalonia (Universitat Politècnica de Catalunya)  
*B.S., Computer Science* Barcelona, Spain  
November 2007

## Employment History

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University of North Texas  
*Assistant Professor* Denton, TX  
August 2014 – present

Southern Methodist University  
*Adjunct Professor* Dallas, TX  
August 2012 – May 2014

Lymba Corporation  
*Research Scientist* Richardson, TX  
June 2011 – August 2014

## Awards

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- National Science Foundation CAREER Award, 2019
- Bloomberg Data Science Research Grant, 2019

## External Funding

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Summary.....

Source	Total Funding	My Total Funding
National Science Foundation	\$1,081,531.0	\$731,824.3
Patient-Centered Outcomes Research Institute	\$976,548.0	\$243,561.0
Industry (unrestricted gifts and contracts)	\$219,429.0	\$219,429.0
Industry (cloud credits and hardware gifts)	\$25,300.0	\$25,300.0
All	\$2,302,808.0	\$1,220,114.3

Grants.....

National Science Foundation \$507,950  
*CAREER: Understanding Negation in Positive Terms* February 2019 – February 2024  
PI: Eduardo Blanco (100%), includes \$8,000 from an REU supplement

Patient-Centered Outcomes Research Institute \$976,548  
*NLP for Medication Adherence: Complex Semantics and Negation* March 2019 – February 2022  
From UTHealth (75%, \$732,987): Kirk E. Roberts (PI), Jane E. Hamilton (co-I) and Elmer V. Bernstam (co-I)  
From UNT (25%, \$243,561): Eduardo Blanco (co-I, subaward)

National Science Foundation \$499,581  
*Building Cybersecurity Analytics Capacity in Big Data Era: Developing Hands-on Labs for Integrating Data Science into Cybersecurity Curriculum* August 2018 – July 2021  
PI: Hassan Takabi (70%, \$349,706.7), co-PI: Eduardo Blanco (30%, \$149,874.3)

National Science Foundation \$68,000  
*EAGER: Towards Inter-Sentential Models for Detecting Focus of Negation* April 2017 – March 2019  
PI: Eduardo Blanco (100%), includes \$8,000 from an REU supplement

National Science Foundation	\$6,000
<i>Extra-Propositional Aspects of Meaning in Computational Linguistics Workshop</i>	April 2015 – September 2018
PI: Eduardo Blanco (100%)	
Industry Funding (Unrestricted Gifts and Contracts).....	
Lease Analytics, LLC	\$50,000
<i>Information Extraction for the Oil and Gas Domain</i> (unrestricted gift, ctd.)	December 2019
Sole Investigator	
Bloomberg L.P.	\$62,000
<i>Bloomberg Data Science Research Grant</i> (unrestricted gift)	May 2019
Sole Investigator	
Harvest Exchange Corp.	\$41,429
<i>Short Text Classification in the Financial Domain</i> (research contract)	August 2018 – May 2019
Sole Investigator	
Snap Inc. Research	\$8,000
<i>Extracting Spatial Timelines from Social Media</i> (unrestricted gift, ctd.)	March 2019
Sole Investigator	
Snap Inc. Research	\$8,000
<i>Extracting Spatial Timelines from Social Media</i> (unrestricted gift)	July 2018
Sole Investigator	
Lease Analytics, LLC	\$50,000
<i>Information Extraction for the Oil and Gas Domain</i> (unrestricted gift)	September 2017
Sole Investigator	
Industry Funding (Cloud Credits and Hardware Gifts).....	
Google	\$4,250
<i>Google Cloud Platform Education Grant</i>	March 2020
Amazon	\$8,000
<i>Amazon Web Services (AWS) Cloud Credits for Research</i>	September 2019
Google	\$2,700
<i>Google Cloud Platform Education Grant</i>	September 2019
Google	\$5,000
<i>Google Cloud Platform Research Credits</i>	June 2018
Google	\$4,150
<i>Google Cloud Platform Education Grant</i>	June 2018
NVIDIA	(MSRP) \$1,200
<i>NVIDIA GPU Grant</i> (Titan Xp GPU donation)	June 2018

## Publications

Student coauthors are indicated with \*.

Journals and Book Chapters.....

1. Manar Alohalay,\* Hassan Takabi and Eduardo Blanco. 2019. Automated extraction of attributes from natural language attribute-based access control (ABAC) Policies. *Cybersecurity* 2:2.
2. Eduardo Blanco and Dan Moldovan. 2015. A Semantic Logic-Based Approach to Determine Textual Similarity. *IEEE/ACM Transactions on Audio, Speech and Language Processing* 23(4), 683–693.
3. Eduardo Blanco and Dan Moldovan. 2014. Retrieving positive implicit meaning from negated statements. *Natural Language Engineering* 20(4): 501–535. Cambridge University Press.
4. Eduardo Blanco and Dan Moldovan. 2013. Composition of Semantic Relations: Theoretical Framework and Case Study. *ACM Transactions in Speech and Language Processing (TSLP)* 10(4) 17:1–17:36.

5. Hakki C. Cankaya, Eduardo Blanco and Dan Moldovan. 2012. Semantic composition of AT-LOCATION relation with other relations. *Natural Language Engineering* 18(3): 343–374. Cambridge University Press.
6. Eduardo Blanco and Dan Moldovan. 2012. Some Issues on Capturing the Meaning of Negated Statements. In C. Boonthum-Denecke, P. McCarthy and T. Lamkin (Eds.), *Cross-Disciplinary Advances in Applied Natural Language Processing: Issues and Approaches*, pp. 103–113.
7. Eduardo Blanco, Hakki C. Cankaya and Dan Moldovan. 2012. Extracting Commonsense Knowledge Using Concepts Properties. In C. Boonthum-Denecke, P. McCarthy and T. Lamkin (Eds.), *Cross-Disciplinary Advances in Applied Natural Language Processing: Issues and Approaches*, pp. 341–353.

Peer-Reviewed Conferences.....

1. Dhivya Chinnappa,\* Srikala Murugan\* and Eduardo Blanco. 2019. Extracting Possessions from Social Media: Images Complement Language. In *Proceedings of the 2019 Conference on Empirical Methods in Natural Language Processing (EMNLP)*, pp. 663–672. Hong Kong, China.
2. Abhishek Singh,\* Eduardo Blanco and Wei Jin. 2019. Incorporating Emoji Descriptions Improves Tweet Classification. In *Proceedings of the 16th Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL), Short Papers*, pp. 2096–2101. Minneapolis, MN, USA.
3. Zahra Sarabi,\* Erin Killian,\* Eduardo Blanco and Alexis Palmer. 2019. A Corpus of Negations and their Underlying Positive Interpretations. In *Proceedings of the Eighth Joint Conference on Lexical and Computational Semantics (\*SEM)*, pp. 158–167. Minneapolis, MN, USA.
4. Zahra Sarabi\* and Eduardo Blanco. 2019. Identifying the Focus of Negation Using Discourse Structure. In *Proceedings of the 32nd Florida Artificial Intelligence Research Society Conference (FLAIRS), Short Papers*, pp. 448–451. Sarasota, FL, USA.
5. Farzana Rashid\* and Eduardo Blanco. 2018. Characterizing Interactions and Relationships between People. In *Proceedings of the 2018 Conference on Empirical Methods in Natural Language Processing (EMNLP)*, pp. 4395–4404. Brussels, Belgium.
6. Dhivya Chinnappa\* and Eduardo Blanco. 2018. Possessors Change Over Time: A Case Study with Artworks. In *Proceedings of the 2018 Conference on Empirical Methods in Natural Language Processing (EMNLP)*, pp. 2278–2287. Brussels, Belgium.
7. Dhivya Chinnappa\* and Eduardo Blanco. 2018. Mining Possessions: Existence, Type and Temporal Anchors. In *Proceedings of the 16th Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL)*, pp. 496–505. New Orleans, LA, USA.
8. Alakananda Vempala,\* Eduardo Blanco and Alexis Palmer. 2018. Determining Event Durations: Models and Error Analysis. In *Proceedings of the 16th Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL), Short Papers*, pp. 164–168. New Orleans, LA, USA.
9. Alakananda Vempala\* and Eduardo Blanco. 2018. Annotating Temporally-Anchored Spatial Knowledge by Leveraging Syntactic Dependencies. In *Proceedings of the 11th International Conference on Language Resources and Evaluation (LREC)*, pp. 349–354. Miyazaki, Japan.
10. Vivek Reddy Doudagiri,\* Alakananda Vempala\* and Eduardo Blanco. 2018. Annotating If the Authors of a Tweet are Located at the Locations They Tweet About. In *Proceedings of the 11th International Conference on Language Resources and Evaluation (LREC)*, pp. 1776–1780. Miyazaki, Japan.
11. Manar Alohalay,\* Hassan Takabi and Eduardo Blanco. 2018. A Deep Learning Approach for Extracting Attributes of ABAC Policies. In *Proceedings of the 23rd ACM Symposium on Access Control Models and Technologies (SACMAT)*, pp. 137–148. Indianapolis, USA.
12. Farzana Rashid\* and Eduardo Blanco. 2017. Dimensions of Interpersonal Relationships: Corpus and Experiments. In *Proceedings of the 2017 Conference on Empirical Methods in Natural Language Processing (EMNLP)*, pp. 2297–2306. Copenhagen, Denmark.
13. Krishna Sanagavarapu,\* Alakananda Vempala\* and Eduardo Blanco. 2017. Determining Whether and When People Participate in the Events They Tweet About. In *Proceedings of the 55th Annual Meeting of the Association for Computational Linguistics (ACL), Short Papers*, pp. 641–646. Vancouver, Canada.
14. Zahra Sarabi\* and Eduardo Blanco. 2017. If No Media Were Allowed inside the Venue, Was Anybody

- Allowed? In *Proceedings of the 15th Conference of the European Chapter of the Association for Computational Linguistics (EACL)*, pp 860–869. Valencia, Spain.
15. Jordan Sanders\* and Eduardo Blanco. 2016. Automatic Extraction of Implicit Interpretations from Modal Constructions. In *Proceedings of the 2016 Conference on Empirical Methods in Natural Language Processing (EMNLP)*, pp. 1098–1107. Austin, TX, USA.
  16. Zahra Sarabi\* and Eduardo Blanco. 2016. Understanding Negation in Positive Terms Using Syntactic Dependencies. In *Proceedings of the 2016 Conference on Empirical Methods in Natural Language Processing (EMNLP)*, pp. 1108–1118. Austin, TX, USA.
  17. Alakananda Vempala\* and Eduardo Blanco. 2016. Beyond Plain Spatial Knowledge: Determining Where Entities Are and Are Not Located, and For How Long. In *Proceedings of the 54th Annual Meeting of the Association for Computational Linguistics (ACL)*, pp. 1502–1512. Berlin, Germany.
  18. Eduardo Blanco and Zahra Sarabi.\* 2016. Automatic Generation and Scoring of Positive Interpretations from Negated Statements. In *Proceeding of the 15th Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL)*, pp. 1431–1441. San Diego, CA, USA.
  19. Alakananda Vempala\* and Eduardo Blanco. 2016. Complementing Semantic Roles with Temporally-Anchored Spatial Knowledge: Crowdsourced Annotations and Experiments. In *Proceedings of the 30th AAAI Conference on Artificial Intelligence (AAAI)*, pp. 2652–2658. Phoenix, AZ, USA.
  20. Alakananda Vempala\* and Eduardo Blanco. 2016. Annotating Temporally-Anchored Spatial Knowledge on Top of OntoNotes Semantic Roles. In *Proceedings of the Tenth International Conference on Language Resources and Evaluation (LREC)*, pp. 3814–3821. Portorož, Slovenia.
  21. H. Andrew Schwartz, Maarten Sap, Margaret L. Kern, Johannes C. Eichstaedt, Adam Kapelner, Megha Agrawal, Eduardo Blanco, Lukasz Dziurzynski, Gregory Park, David Stillwell, Michal Kosinski, Martin E.P. Seligman, Lyle H. Ungar. 2016. Predicting Individual Well-Being Through the Language of Social Media. In *Proceedings of the Pacific Symposium on Biocomputing (PSB)*, 21:516-527. Hawaii, HI, USA.
  22. Eduardo Blanco and Alakananda Vempala.\* 2015. Inferring Temporally-Anchored Spatial Knowledge from Semantic Roles. In *Proceedings of the 2015 Conference of the North American Chapter of the Association for Computational Linguistics (NAACL)*, pp. 452–461. Denver, CO, USA.
  23. Eduardo Blanco and Dan Moldovan. Leveraging Verb-Argument Structures to infer Semantic Relations. 2014. In *Proceedings of the 14th Conference of the European Chapter of the Association for Computational Linguistics (EACL)*, pp. 145–154. Gothenburg, Sweden.
  24. Eduardo Blanco and Dan Moldovan. A Semantically Enhanced Approach to Predicting Textual Similarity. 2013. In *Proceedings of the 2013 Conference on Empirical Methods in Natural Language Processing (EMNLP)*, pp. 1235–1245. Seattle, WA, USA.
  25. H. Andrew Schwartz, Johannes Eichstaedt, Eduardo Blanco, Lukasz Dziurzynski, Margaret L. Kern, Stephanie Ramones and Lyle Ungar. 2013. Choosing the Right Words: Characterizing and Reducing Error of the Word Count Approach. In *Proceedings of the Second Joint Conference on Lexical and Computational Semantics (\*SEM)*, pp. 296–305. Atlanta, GA, USA.
  26. Eduardo Blanco and Dan Moldovan. 2013. A Logic Prover Approach to Predicting Textual Similarity. In *Proceedings of the 26th Florida Artificial Intelligence Research Society Conference (FLAIRS), Short paper*, pp. 255–258. St. Pete Beach, FL, USA.
  27. H. Andrew Schwartz, Johannes Eichstaedt, Lukasz Dziurzynski, Margaret Kern, Eduardo Blanco, Michal Kosinski, David Stillwell, Martin Seligman, Lyle H. Ungar. 2013. Toward Personality Insights from Language Exploration in Social Media. In *Proceedings of AAAI Spring Symposium: Analyzing Microtext*, pp. 72–79. Stanford, CA, USA.
  28. Eduardo Blanco and Dan Moldovan. 2012. Fine-Grained Focus for Pinpointing Positive Implicit Meaning from Negated Statements. In *Proceedings of the 2012 Conference of the North American Chapter of the Association for Computational Linguistics (NAACL)*, pp. 456–465. Montreal, Canada.
  29. Roser Morante and Eduardo Blanco. 2012. \*SEM 2012 Shared Task: Resolving the Scope and Focus of Negation. In *Proceedings of the First Joint Conference on Lexical and Computational Semantics (\*SEM)*, pp. 265–274. Montreal, Canada.

30. Dan Moldovan and Eduardo Blanco. 2012. Polaris: Lymba’s Semantic Parser. In *Proceedings of the Eight International Conference on Language Resources and Evaluation (LREC)*, pp. 66–72. Istanbul, Turkey.
31. Eduardo Blanco and Dan Moldovan. 2012. Finding Associations between People. In *Proceedings of the 25th Florida Artificial Intelligence Research Society Conference (FLAIRS)*, pp. 196–201. Marco Island, FL, USA.
32. Eduardo Blanco and Dan Moldovan. 2011. Unsupervised Learning of Semantic Relation Composition. In *Proceedings of the 49th Annual Meeting of the Association for Computational Linguistics (ACL)*, pp. 1456–1465. Portland, OR, USA.
33. Eduardo Blanco and Dan Moldovan. 2011. Semantic Representation of Negation Using Focus Detection. In *Proceedings of the 49th Annual Meeting of the Association for Computational Linguistics (ACL)*, pp. 581–589. Portland, OR, USA.
34. Eduardo Blanco and Dan Moldovan. 2011. A Model for Composing Semantic Relations. In *Proceedings of the 9th International Conference on Computational Semantics (IWCS)*, pp. 45–54. Oxford, UK.
35. Eduardo Blanco and Dan Moldovan. 2011. Some Issues on Detecting Negation from Text. In *Proceedings of the 24th Florida Artificial Intelligence Research Society Conference (FLAIRS)*, pp. 228–233. Palm Beach, FL, USA.
36. Eduardo Blanco, Hakki C. Cankaya and Dan Moldovan. 2011. Commonsense Knowledge Extraction Using Concepts Properties. In *Proceedings of the 24th Florida Artificial Intelligence Research Society Conference (FLAIRS)*, pp. 222–227. Palm Beach, FL, USA.
37. Eduardo Blanco and Dan Moldovan. 2010. Automatic Discovery of Manner Relations and its Applications. In *Proceedings of the 2010 Conference on Empirical Methods in Natural Language Processing (EMNLP)*, pp. 315–324. Cambridge, MA, USA.
38. Eduardo Blanco, Hakki C. Cankaya and Dan Moldovan. 2010. Composition of Semantic Relations: Model and Applications. In *Proceedings of the 23rd International Conference on Computational Linguistics (COLING)*, Poster Volume, pp. 72–80. Beijing, China.
39. Eduardo Blanco, Nuria Castell and Dan Moldovan. 2008. Causal Relation Extraction. In *Proceedings of the Sixth International Conference on Language Resources and Evaluation (LREC)*, pp. 310–313. Marrakesh, Morocco.

Peer-Reviewed Extended Abstracts (non-archival).....

1. Dhivhya Chinnappa,\* Alexis Palmer and Eduardo Blanco. 2019. Temporally-oriented possession: A corpus for tracking possession over time. In *Proceedings of the Society for Computation in Linguistics: Vol. 2, Article 32*, pp. 302–305. New York City, NY, USA.

Invited Publications.....

1. Eduardo Blanco. 2017. Making Computers Understand Human Language (Invited poster). In the *Computing Community Consortium (CCC) Symposium on Computing Research Addressing National Priorities and Societal Needs*. Washington, DC.

## Teaching

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- o Fall 2019, at University of North Texas  
- CSCE 5290/4290, Natural Language Processing [Avg. course evaluation: 4.7/5]
- o Spring 2019, at University of North Texas  
- CSCE 5380, Data Mining [Avg. course evaluation: 5.0/5]
- o Fall 2018, at University of North Texas  
- CSCE 5290/4290, Natural Language Processing [Avg. course evaluation: 4.6/5]
- o Spring 2018, at University of North Texas  
- CSCE 6933, Advanced Topics in CSCE [Avg. course evaluation: 4.8/5]
- o Fall 2017, at University of North Texas  
- CSCE 5290/4930, Natural Language Processing [Avg. course evaluation: 4.4/5]
- o Spring 2017, at University of North Texas

- CSCE 3110, Data Structures and Algorithms [Avg. course evaluation: 4.3/5]
- o Fall 2016, at University of North Texas
  - CSCE 5290/4930, Natural Language Processing [Avg. course evaluation: 4.7/5]
- o Fall 2015, at University of North Texas
  - CSCE 4110, Algorithms [Avg. course evaluation: 4.6/5]
  - CSCE 5290/4930 Natural Language Processing [Avg. course evaluation: 4.7/5]
- o Spring 2015, at University of North Texas
  - CSCE 4110, Algorithms [Avg. course evaluation: 3.52/4]
- o Fall 2014, at University of North Texas
  - CSCE 5290/4930, Natural Language Processing [Avg. course evaluation: 3.67/4]
- o Spring 2014, at Southern Methodist University
  - CSE 5/7320, Artificial Intelligence [Avg. course evaluation: 4.47/5]
  - CSE 5/7337, Information Retrieval and Web Search [Avg. course evaluation: 4.52/5]
- o Fall 2013, at Southern Methodist University
  - CSE 3353, Fundamentals of Algorithms [Avg. course evaluation: 4.09/5]
- o Spring 2013, at Southern Methodist University
  - CSE 5/7320, Artificial Intelligence [Avg. course evaluation: 4.55/5]
  - CSE 5/7337, Information Retrieval and Web Search [Avg. course evaluation: 4.66/5]
- o Fall 2012, at Southern Methodist University
  - CSE 3353, Fundamentals of Algorithms [Avg. course evaluation: 4.12/5]

## Student Advising

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Current.....

- o PhD students:
  1. Farzana Rashid (Summer 2016 – present)
    - Recipient of the Graduate Research Experiences Abroad Travel (GREAT) Grant, awarded by UNT International (Spring 2019)
  2. Jordan Sanders (Fall 2016 – present)
  3. Md Mosharaf Hossain (Summer 2019 – present)
  4. Zhaomin Xiao (Fall 2019 – present)
  5. Ziruo Yi (Fall 2019 – present)
- o Master’s students (pursuing a Master’s Thesis)
  1. Srikala Murugan (Spring 2019 – present)
- o Undergraduate students (conducting research)
  1. Pranoy Dutta, UNT TAMS (Fall 2019 – present)
  2. Kathleen Hamilton, UNT Department of Linguistics (Fall 2019 – present)
  3. Tiffany Kao, UNT TAMS (Fall 2019 – present)
  4. Elizabeth Wei, UNT TAMS (Spring 2019 – present)

Past.....

- o PhD students:
  1. Alakananda Vempala, Spring 2019
    - Current employer: Bloomberg
  2. Zahra Sarabi, Spring 2019
    - Current employer: Walmart Technology
  3. Dhivya Chinnappa, December 2019
    - Current employer: Thomson Reuters
- o Master’s students (graduated with a Master’s Thesis):
  1. Krishna Chaitanya Sanagavarapu, Spring 2016
    - Current employer: Apple

- 2. Vivek Reddy Doudagiri, Fall 2017
  - Current employer: Allstate
  - Outstanding Master’s Student in Computer Science, 2017
- o Undergraduate students:
  1. Erin Killian (UNT Department of Linguistics), Spring 2019
  2. Mohammad Almoayyad, CSCE4890 Directed Study, Fall 2015
  3. Jordan Sanders, CSCE4999 Senior Thesis, Spring 2016
    - Admitted to the UNT PhD program in Spring 2016

## Research Visits and Invited Talks

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Research Visits.....	
University of Jaén	Jaén, Spain
<i>Department of Computer Science</i>	December 17–21, 2018
Invited Talks (Academia).....	
Iowa State University	Ames, IA
<i>Towards Deeper Natural Language Understanding</i>	November 18, 2019
University of Jaén	Jaén, Spain
<i>Natural Language Processing: Ongoing Projects at UNT</i>	December 18, 2018
Southern Methodist University	Dallas, TX
<i>Negation and Spatial Timelines</i>	April 20, 2018
Southern Methodist University	Dallas, TX
<i>Towards Deeper Semantics: Composition of Semantic Relations and Semantic Representation of Negation</i>	October 1, 2015
Invited Talks (Industry and Outreach).....	
Council of Petroleum Accountants Societies (COPAS), 2019 Fall Meeting	Tulsa, OK
<i>Using Artificial Intelligence (AI) to Unlock Hidden Value</i> , with Tom Agnew	September 19, 2019
Council of Petroleum Accountants Societies (COPAS), Dallas Society	Farmers Branch, TX
<i>Using Artificial Intelligence (AI) to Unlock Hidden Value</i> , with Tom Agnew	March 21, 2019
Council of Petroleum Accountants Societies (COPAS) Fort Worth Society	Fort Worth, TX
<i>Using Artificial Intelligence (AI) to Unlock Hidden Value</i> , with Tom Agnew	February 12, 2019
Petroleum Engineer’s Club of Dallas	Dallas, TX
<i>Using Artificial Intelligence (AI) to Unlock Hidden Value</i> , with Tom Agnew	May 18, 2018

## Professional Service

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- Outside University of North Texas.....
- o Guest editorships and boards:
    - Guest Editor, *Journal of Natural Language Engineering* Special Issue on Processing Negation (Cambridge University Press), with Roser Morante, November 2017 – present
    - Member of the Advisory Board of the John Benjamin’s Book Series on Natural Language Processing, February 2018 – present
  - o Conference organization:
    - Area Chair of the 58th Annual Meeting of the Association for Computational Linguistics (ACL 2020)
    - Senior Program Committee of the Thirty-Fourth AAAI Conference on Artificial Intelligence (AAAI-2020)
    - Session Chair of the 57th Annual Meeting of the Association for Computational Linguistics (ACL 2019)

- Session Chair of the 17th Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL 2019)
- Area Chair of the 57th Annual Meeting of the Association for Computational Linguistics (ACL 2019)
- Area Chair of the 17th Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL 2019)
- Senior Program Committee of the Thirty-Third AAAI Conference on Artificial Intelligence (AAAI-2019)
- Session Chair of the 2018 Conference on Empirical Methods in Natural Language Processing (EMNLP 2018)
- System Demonstrations Chair of the 2018 Conference on Empirical Methods in Natural Language Processing (EMNLP 2018)
- Publicity Chair of the 6th Joint Conference on Lexical and Computational Semantics (\*SEM 2017)
- Area Chair of the 15th Annual Conference of the North American Chapter of the Association for Computational Linguistics (NAACL 2016)
- Area Chair of the Second Joint Conference on Lexical and Computational Semantics (\*SEM 2013).
- o Workshop and shared task organization:
  - Organizer of the 2018 Workshop on Computational Semantic beyond Verbs and Roles, collocated with NAACL and sponsored by NSF, with Roser Morante, <http://www.cse.unt.edu/sembear2018/>
  - Organizer of the 2017 Workshop on Computational Semantic beyond Verbs and Roles, collocated with EACL and sponsored by NSF, with Roser Morante and Roser Saurí, <http://www.cse.unt.edu/sembear2017/>
  - Organizer of the 2016 Workshop on Extra-Propositional Aspects of Meaning in Computational Linguistics, collocated with COLING and sponsored by NSF, with Roser Morante and Roser Saurí, <http://www.cse.unt.edu/expron2016/>
  - Organizer of the 2015 Workshop on Extra-Propositional Aspects of Meaning in Computational Linguistics, collocated with NAACL and sponsored by NSF, with Roser Morante and Caroline Sporleder, <http://www.cse.unt.edu/expron2015/>
  - Organizer of the First Joint Conference on Lexical and Computational Semantics (\*SEM 2012) Shared Task: Revolving the Scope and Focus of Negation, with Roser Morante, <http://www.clips.ua.ac.be/sem2012-st-neg/>
- o Reviewer, Proposals:
  - NSF panelist, 2020.
- o Reviewer, Journals:
  - Standing Reviewer, Computational Linguistics, March 2020 – March 2021.
  - Standing Reviewer, Transactions of the Association for Computational Linguistics (TACL), May 2019 – June 2021.
  - Reviewer, Journals. I have reviewed for the following journals: Communications of the ACM, Computational Linguistics, Journal of Linguistics, Journal of Natural Language Engineering, Language Resources and Evaluation Journal, PLOS ONE, etc.
- o Reviewer, Conferences. I review yearly for these conferences unless I serve as Area Chair or similar role: ACL, NAACL, EMNLP, \*SEM, COLING, AAAI, IJCAI, etc.

To University of North Texas.....

- o Member, Faculty Search Committee (College of Merchandising, Hospitality & Tourism, Department of Merchandising & Digital Retailing), Fall 2019 – Spring 2020.
- o Group III Representative, Oversight Committee on the Core Curriculum, September 2018 – September 2021.
- o Conversation Leader, UNT Honors College Great Conversations, February 25 2020.
- o Panel Moderator, UNT AI & Data Science Summit, October 11 2019.
- o Panelist, UNT Data Analytics Summit, May 4, 2018.

To the Computer Science and Engineering Department at University of North Texas.....

- Chair, Faculty Search Committee (two positions), Fall 2019 – Spring 2020
- Member, Faculty Search Committee, Fall 2018 – Spring 2019
- Member, Lecturer Search Committee, Spring 2018 – Summer 2018
- Member, Executive Committee, September 2015 – August 2017
- Member, Grade Appeal Committee, July 2015
- Distinguished Speaker Series coordinator, September 2014 – present

## **Memberships**

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- Associations for Computational Linguistics (ACL), Member
- SIGSEM, ACL Special Interest Group on Computational Semantics, Member
- SIGLEX, ACL Special Interest Group on the Lexicon, Member