Yonatan Bisk

Assistant Professor of Computer Science

Alumni, Interns, and Undergraduates

 $GHC~6703 \\ \boxtimes ybisk@cs.cmu.edu \\ he/him$

	Positions					
2020 –	Assistant Professor Language Technologies Robotics Institute (cou	Institute	Mellon Universi	ty		
2021 –	Consulting Professo		oft Research			
2019 –	Visiting Researcher				w/ Jiant	eng Gao
2017 –	Postdoctoral Schola				,	
2011	University of Washingto		n Institute for Art	ificial Intelligence	w/ Y	'ejin Choi
2015 –	Postdoctoral Schola			· ·	,	-
	Information Sciences In	stitute, U	niversity of South	ern California	w/ Dani	iel Marcu
	Education					
2015	PhD in Computer Science The University of Illinois at Urbana-Champaign, Thesis: Unsupervised Grammar Induction with Combinatory Categorial Grammars Advisor: Julia Hockenmaier Committee: Jason Eisner, Dan Roth, ChengXiang Zhai					
2009				Texas at Austin Turing So d Logic When Grounding		leuroevo-
	Advisor: Risto Miikkula	inen	Second Reader:	Raymond Mooney		
	PhD Students					
PhD	Hao Zhu	he/him	Theory of Mind	(co-G Neub	oig) LTI	2019 –
PhD	Jared Fernandez	he/him	Efficiency	(co-E Strub	oell) LTI	2020 -
PhD	Vidhi Jain	she/her	Language to Co	ntrol	RI	2021 -
PhD	Tiffany Min		Embodiment	(co-R Salak	(hutdinov) MLE	2021 –
PhD	Yingshan Chang		Multimodal Rea	•	LTI	2022 –
	Professional Ma	octore !	Ctudanta			
MRSD	Modular Teleop wit	h Auton	- •	•		2022
	Jashkumar Diyora		he/him	Shruti Gangopadhyay	she/he	
	Jigar Patel		he/him	Prakhar Pradeep	he/hin	n
MCDS	Shivani Sivakumar Embodied Navigation	on and I	she/her			2022
MCD3	Adhokshaja Madhwar		he/him	Kushagra Mahajan	he/hin	
	Sai Vishwas Padigi	aj	he/him	Vineeth Reddy	he/hin	
	Malaika Vijay		she/her	Zheng (Jessica) Zhon		
MCDS	Embodied Dialogue	and To		Zireng (Sessied) Ziron	Sile/ lie	2022
webs	Xinyue Chen	ua	she/her	Nikhil Gupta	he/hin	
	Benny Jiang		he/him	Shubham Phal	he/hin	
	Prasoon Varshney		he/him		,	
MCDS	Novel Concept Lear	ning	•			2022
	Bharani Uijaini Kemp	_	she/her	Linvi Li	she/he	er

MSAII	Visual Patent Search Suchong Dong Mansi Goyal Sreenidhi Sundaram	she/her	Zhiyuan Guo Marta Mendez Simon Leon Van Den Berghe	2022 he/him she/her he/him
MLT		Multimodal Reason	-	LTI 2020 – 2022
MLT	,	Embodied Visual R	•	LTI 2020 – 2022
MS	Xiaoyu (Erin) Zhang she/her		,	5th 2021 – 2022
Ugrad	Feiyu (Gavin) Zhu	Video Summarization	(2021
Intern	Melanie Sclar	Symmetric Theory-	of-Mind (co-G Neubig)	2021
Intern	Blessing Bassey	<i>TextVQA</i>		2021
_	Journal Publications			
1.	The Return of Lexical Deports Hao Zhu, Yonatan Bisk, Graham Transactions of the Association	n Neubig,		2020
2.	An HDP Model for Inducin Yonatan Bisk, Julia Hockenmaie Transactions of the Association	r,		2013
	Conference Publication	ons		
3.	Transformers are Adaptable Vidhi Jain, Yixin Lin, Eric Under Conference on Robot Learning		Akshara Rai,	2022
4.	Symmetric Machine Theory Melanie Sclar, Graham Neubig, 39th International Conference on	Yonatan Bisk,		2022
5.	A Framework for Learning Humans Khanh Nguyen, Yonatan Bisk, H 39th International Conference on	lal Daume III,	and Contextually Useful	Information from 2022
6.	Simulated Language Learni Hao Zhu, <u>Yonatan Bisk</u> , Graham Proceedings of the Annual Meet	n Neubig,	_	c Input 2022
7.	HEAR 2021: Holistic Evalue Joseph Turian, Jordie Shier, Hu Colin Malloy, George Tzanetakis Christian Clough, Dorien Herrem Manocha, Shinji Watanabe, Zey Proceedings of Machine Learning	mair Raj Khan, Bhiks , Gissel Velarde, Kirk ans, Eduardo Fonseca, u Jin, <u>Yonatan Bisk</u> ,	sha Raj, Björn W. Schuller, C McNally, Max Henry, Nicolas Jesse Engel, Justin Salamon, I	Pinto, Camille Noufi, Philippe Esling, Pranay
8.	KAT: A Knowledge Augme Liangke Gui, Borui Wang, Qiuyu Annual Conference of the North	ian Huang, Alex Haup	tmann, <u>Yonatan Bisk</u> , Jianfen	•
9.	FILM: Following Instruction So Yeon Min, Devendra Singh C The Tenth International Confere	haplot, Pradeep Ravik	tumar, <u>Yonatan Bisk</u> , Ruslan S	2022 Salakhutdinov,
10.	WebQA: Multihop and Mul Yingshan Chang, Mridu Narang, Conference on Computer Vision	timodal QA Hisami Suzuki, Guiho	ong Cao, Jianfeng Gao, <u>Yonata</u>	2022 an Bisk,
11.	Dependency Induction Thro Ruisi Su, Shruti Rijhwani, Hao Z <i>The SIGNLL Conference on Con</i>	Zhu, Junxian He, Xinyı	u Wang, <u>Yonatan Bisk</u> , Graha	2021 m Neubig,
12.	Language Grounding with 3 Jesse Thomason, Mohit Shridha Conference on Robot Learning	_	Paxton, Luke Zettlemoyer,	2021

13.	TACo: Token-aware Cascade Contrastive Learning for Video-Text Alignment Jianwei Yang, Yonatan Bisk, Jianfeng Gao, International Conference on Computer Vision	2021
14.	Few-shot Language Coordination by Modeling Theory of Mind Hao Zhu, Graham Neubig, Yonatan Bisk, The Thirty-eighth International Conference on Machine Learning	2021
15.	Grounding 'Grounding' in NLP Khyathi Raghavi Chandu, <u>Yonatan Bisk</u> , Alan W Black, Findings of The 2021 Conference of the Association for Computational Linguistics	2021
16.	An Empirical Study on the Generalization Power of Neural Representations Learner Visual Guessing Games Alessandro Suglia, Yonatan Bisk, Ioannis Konstas, Antonio Vergari, Emanuele Bastianelli, Andrea Voliver Lemon, The 2021 Conference of the European Chapter of the Association for Computational Linguistics, (O	2021 /anzo,
17.	Knowledge-driven Data Construction for Zero-shot Evaluation in Commonsense Que Answering Kaixin Ma, Filip Ilievski, Jonathan Francis, Yonatan Bisk, Eric Nyberg, Alessandro Oltramari, 35th AAAI Conference on Artificial Intelligence	estion 2021
18.	ALFWorld: Aligning Text and Embodied Environments for Interactive Learning Mohit Shridhar, Xingdi Yuan, Marc-Alexandre Côté, Yonatan Bisk, Adam Trischler, Matthew Hausk Proceedings of the International Conference on Learning Representations	2021 necht,
19.	Imagining Grounded Conceptual Representations from Perceptual Information in Site Guessing Games Alessandro Suglia, Antonio Vergari, Ioannis Konstas, Yonatan Bisk, Emanuele Bastianelli, Andrea Voliver Lemon, The 28th International Conference on Computational Linguistics, (Oral)	2020
20.	Experience Grounds Language Yonatan Bisk, Ari Holtzman, Jesse Thomason, Jacob Andreas, Yoshua Bengio, Joyce Chai, Mirella L Angeliki Lazaridou, Jonathan May, Aleksandr Nisnevich, Nicolas Pinto, Joseph Turian, Proceedings of the 2020 Conference on Empirical Methods in Natural Language Processing (EM (Oral)	
21.	RMM: A Recursive Mental Model for Dialog Navigation Homero Roman Roman, <u>Yonatan Bisk</u> , Jesse Thomason, Asli Celikyilmaz, Jianfeng Gao, Proceedings of the 2020 Conference on Empirical Methods in Natural Language Processing: Finding	2020 s
22.	ALFRED: A Benchmark for Interpreting Grounded Instructions for Everyday Tasks Mohit Shridhar, Jesse Thomason, Daniel Gordon, <u>Yonatan Bisk</u> , Winson Han, Roozbeh Mottaghi Zettlemoyer, Dieter Fox, The IEEE Conference on Computer Vision and Pattern Recognition (CVPR)	2020 Luke
23.	PIQA: Reasoning about Physical Commonsense in Natural Language Yonatan Bisk, Rowan Zellers, Ronan Le Bras, Jianfeng Gao, Yejin Choi, Thirty-Fourth AAAI Conference on Artificial Intelligence, (Oral)	2020
24.	Robust Navigation with Language Pretraining and Stochastic Sampling Xiujun Li, Chunyuan Li, Qiaolin Xia, Yonatan Bisk, Asli Celikyilmaz, Jianfeng Gao, Noah A. Smith Choi, Conference on Empirical Methods in Natural Language Processing and 9th International Joint Conference on Natural Language Processing	-
25.	Defending Against Neural Fake News Rowan Zellers, Ari Holtzman, Hannah Rashkin, Yonatan Bisk, Ali Farhadi, Franziska Roesner, Yejin Thirty-third Conference on Neural Information Processing Systems	2019 Choi,
26.	Improving Robot Success Detection using Static Object Data Rosario Scalise, Jesse Thomason, <u>Yonatan Bisk</u> , Siddhartha Srinivasa, Proceedings of the 2019 IEEE/RSJ International Conference on Intelligent Robots and Systems	2019
27.	Early Fusion for Goal Directed Robotic Vision Aaron Walsman, Yonatan Bisk, Saadia Gabriel, Dipendra Misra, Yoav Artzi, Yejin Choi, Dieter Fox, Proceedings of the 2019 IEEE/RSJ International Conference on Intelligent Robots and Systems	2019
28.	HellaSwag: Can a Machine Really Finish Your Sentence? Rowan Zellers, Ari Holtzman, Yonatan Bisk, Ali Farhadi, Yejin Choi, Proceedings of the Association for Computational Linguistics	2019

29.	From Recognition to Cognition: Visual Commonsense Reasoning Rowan Zellers, Yonatan Bisk, Ali Farhadi, Yejin Choi, The IEEE Conference on Computer Vision and Pattern Recognition (CVPR), (Oral)	019
30.	Tactical Rewind: Self-Correction via Backtracking in Vision-and-Language Navigation 20 Liyiming Ke, Xiujun Li, Yonatan Bisk, Ari Holtzman, Zhe Gan, Jingjing Liu, Jianfeng Gao, Yejin C Siddhartha Srinivasa, The IEEE Conference on Computer Vision and Pattern Recognition (CVPR), (Oral)	
31.		019
32.	Shifting the Baseline: Single Modality Performance on Visual Navigation & QA Jesse Thomason, Daniel Gordon, <u>Yonatan Bisk</u> , Proceedings of the Annual Conference of the North American Chapter of the Association for Computation Linguistics	019 onal
33.	-	019 onal
34.	Character-based Surprisal as a Model of Reading Difficulty in the Presence of Errors 20 Michael Hahn, Frank Keller, Yonatan Bisk, Yonatan Belinkov, The 41st Annual Meeting of the Cognitive Science Society, (Oral)	019
35.	SWAG: A Large-Scale Adversarial Dataset for Grounded Commonsense Inference Rowan Zellers, Yonatan Bisk, Roy Schwartz, Yejin Choi, Proceedings of the 2018 Conference on Empirical Methods in Natural Language Processing (EMNL (Oral)	018 .P),
36.	Synthetic and Natural Noise Both Break Neural Machine Translation Yonatan Belinkov, Yonatan Bisk, Proceedings of the 6th International Conference on Learning Representations, (Oral)	018
37.	Learning Interpretable Spatial Operations in a Rich 3D Blocks World Yonatan Bisk, Kevin Shih, Yejin Choi, Daniel Marcu, Proceedings of the Thirty-Second Conference on Artificial Intelligence (AAAI-18)	018
38.	Natural Language Inference from Multiple Premises Alice Lai, Yonatan Bisk, Julia Hockenmaier, Proceedings of the Eighth International Joint Conference on Natural Language Processing, (Oral)	017
39.	Natural Language Communication with Robots Yonatan Bisk, Deniz Yuret, Daniel Marcu, Proceedings of the 15th Annual Conference of the North American Chapter of the Association for Comtational Linguistics, (Oral)	016 npu-
40.		016 npu-
41.	Evaluating Induced CCG Parsers on Grounded Semantic Parsing Yonatan Bisk, Siva Reddy, John Blitzer, Julia Hockenmaier, Mark Steedman, Proceedings of the 2016 Conference on Empirical Methods in Natural Language Processing	016
42.	Probing the Linguistic Strengths and Limitations of Unsupervised Grammar Induction 20 Yonatan Bisk, Julia Hockenmaier, Proceedings of the 53rd Annual Meeting of the Association for Computational Linguistics and the International Joint Conference on Natural Language Processing (Volume 1: Long Papers), (Oral)	
43.	Labeled Grammar Induction with Minimal Supervision Yonatan Bisk, Christos Christodoulopoulos, Julia Hockenmaier, Proceedings of the 53rd Annual Meeting of the Association for Computational Linguistics and the International Joint Conference on Natural Language Processing (Volume 2: Short Papers)	015 7th
44.		012

45.	Document-Topic Hierarchies from Document Graphs Tim Weninger, Yonatan Bisk, Jiawei Han,	2012
	Proceedings of the 21st ACM international conference on Information and knowledge manage 2012)	rement (CIKM
46.	Normal-form parsing for CCGs with generalized composition and type-raising	2010
	Julia Hockenmaier, <u>Yonatan Bisk</u> , Proceedings of the 23rd International Conference on Computational Linguistics (Coling 2010)))
	Workshop Publications	
47.	Worst of Both Worlds: Biases Compound in Pre-trained Vision-and-Language Tejas Srinivasan, Yonatan Bisk, 4th Workshop on Gender Bias in Natural Language Processing	Models2022
48.	KB-VLP: Knowledge Based Vision and Language Pretraining Kezhen Chen, Qiuyuan Huang, Yonatan Bisk, Daniel McDuff, Jianfeng Gao, ICML21 Workshop on Self-Supervised Learning	2021
49.	A Benchmark for Structured Procedural Knowledge Extraction from Cooking Frank F. Xu, Lei Ji, Botian Shi, Junyi Du, Graham Neubig, <u>Yonatan Bisk</u> , Nan Duan, <i>Workshop on NLP Beyond Text</i>	Videos 2020
50.	Inducing Grammars with and for Neural Machine Translation Ke Tran, Yonatan Bisk, Proceedings of the 2nd Workshop on Neural Machine Translation	2018
51.	Bridging HMMs and RNNs through Architectural Transformations Jan Buys, Yonatan Bisk, Yejin Choi, 32nd Conference on Neural Information Processing Systems (NIPS 2018), IRASL workshop	2018
52.	Towards a Dataset for Human Computer Communication via Grounded Languition	age Acquisi- 2016
	Yonatan Bisk, Daniel Marcu, William Wong, Proceedings of the AAAI 2016 Workshop on Symbiotic Cognitive Systems	
53.	Unsupervised Neural Hidden Markov Models Ke Tran, Yonatan Bisk, Ashish Vaswani, Daniel Marcu, Kevin Knight, Proceedings of the Workshop on Structured Prediction for NLP, (Oral)	2016
54.	Induction of Linguistic Structure with Combinatory Categorial Grammars Yonatan Bisk, Julia Hockenmaier, NAACL HLT Workshop on Induction of Linguistic Structure	2012
_	Tech Reports	
55.	Training Vision-Language Transformers from Captions Alone Liangke Gui, Qiuyuan Huang, Alex Hauptmann, Yonatan Bisk, Jianfeng Gao, ArXiv	2022
56.	Multi-View Learning for Vision-and-Language Navigation Qiaolin Xia, Xiujun Li, Chunyuan Li, Yonatan Bisk, Zhifang Sui, Jianfeng Gao, Yejin Choi, NarXiv	2020 oah A. Smith,
57.	FIND: Identifying Functionally and Structurally Important Features in Protein with Deep Neural Networks Ranjani Murali, James Hemp, Victoria Orphan, Yonatan Bisk, bioRxiv	Sequences 2019
58.	CHALET: Cornell House Agent Learning Environment Claudia Yan, Dipendra Misra, Andrew Bennett, Aaron Walsman, Yonatan Bisk, Yoav Artzi, ArXiv Preprint 1801.07357	2018
59.	Unsupervised Grammar Induction with Combinatory Categorial Grammars Yonatan Bisk, University of Illinois at Urbana-Champaign	2015
	Thesis Committees	
_	PhD Nicholas Botzer Tim Weninger,	Notre Dame

- **PhD** Kaixin Ma

Eric Nyberg, CMU

_	PhD Dylan Ebert	Ellie Pavlick, Brown	1
2022	PhD Shikib Mehri	Maxine Eskenazi , CMU	J
2022	PhD Shruti Palaskar	Alan Black and Florian Metze, CMU	J
2022	PhD Evangelia Spiliopoulou	Ed Hovy, CMU	J
2022	PhD Dheeraj Rajagopal	Ed Hovy, CMU	J
2022	PhD Volkan Cirik	$Louis-Philippe\ Morency\ and\ Taylor\ Berg-Kirkpatrick,\ CMU$	J
2022	MLT Aishwarya Jadhav	Katia Sycara, CMU	J
2021	PhD Pengcheng Yin	Graham Neubig, CMU	J
2020	PhD Zihang Dai	Yiming Yang, CMU	J
2021	MLT Jing Wen	Katerina Fragkiadaki, CMU	J
2021	Qual Mohit Sharma	Oliver Kroemer, CMU	J
	Teaching		
2021	11-777 MultiModal Machine Learn	ing # Students: 42, SP)
2021	11-767 On-Device Machine Learning	Go-Emma Strubell # Students: 31, FA	١
2022	11-777 MultiModal Machine Learn	ing # Students: 94, SP)
2022	11-767 On-Device Machine Learning	g Co-Emma Strubell # Students: 42, FA	١
	Diversity and Inclusion		
2022	NAACL 2022 DEI Co-Chair		
2021	Restructuring of LTI PhD Admission	ns , ongoing	Ş
2020	LTI DEI Committee,	2yrs	5
2019	CrashCourse AI Educational YouTub Ashe. Co-Written with Lana Yarosh a	e series targeted at high-school age viewers. Hosted by Jabr nd Tim Weninger, <i>1yn</i>	
2018		sion Investigating and initiating institutional change withi	
2010	ACM on behalf of underrepresented gi		
_	Grace Hopper PC member Review	submissions to Al Technical Track, 1yı	r
2016	NCWIT Collegiate Award Review and Technology's Collegiate Award honoring	plications for the National Center for Women & Information g college women, ISI 3yrs	
2009		Review applications for the National Center for Women &	
	Information Technology's Award for interested in CS, UIUC, ISI	Aspirations in Computing which supports high-school girl <i>6yr</i> s	
-	Tech Junket/Women in CS Outrea 2yrs	ch for local Urbana-Champaign pre-college students, UIU	C
2008		ed students to perform research, UTexas 1yr	r
_	First Bytes Helped organize a summe	r camp for girls interested in CS, UTexas	
_	Co-Founded Breakfast Bytes Profes	sor talks for pre-college students, UTexas 1yr	r
_	CS Roadshow CS presentations at A	stin middle and high schools, UTexas 1yı	r
	Organization (Workshops a	nd Conference)	
2022	Workshop Embodied Al Workshop -		
	Computer Vision and Pattern Recogni		
2021	Workshop Embodied AI Workshop – Computer Vision and Pattern Recogni		

2020 **Workshop** Embodied Vision, Actions & Language Workshop

Workshop Workshop on Dataset Curation and Security

European Conference on Computer Vision

NeurIPS

- 2019 **Workshop** Spatial Language Understanding and Grounded communication for Robotics North American Chapter of the Association for Computational Linguistics
- 2018 Conference Social Media Chair

North American Chapter of the Association for Computational Linguistics

- Workshop Generalization in the Age of Deep Learning
 North American Chapter of the Association for Computational Linguistics
- Workshop Wordplay: Reinformcent and Language Learning in Text-Based Games NeurIPS
- 2017 **Conference** Student Scholarship Chair and Student Volunteer Coordinator Conference on Empirical Methods in Natural Language Processing
 - Workshop Language Grounding for Robotics
 Conference of the Association for Computational Linguistics

Area Chair / Action Editor

- 2022 International Conference on Learning Representations
 - Association for the Advancement of Artificial Intelligence Senior Meta-Reviewer
 - Empirical Methods in Natural Language Proc Senior AC: Speech, Vision, Robotics, Multimodal Grounding
 - Transactions on Machine Learning Research Action Editor
 - Senior AE: ACL Rolling Review
 - Neural Information Processing Systems (NeurIPS)
- 2021 International Conference on Learning Representations
 - Association for Computational Linguistics Machine Learning
 - Empirical Methods in Natural Language Proc Speech, Vision, Robotics, Multimodal Grounding
 - Neural Information Processing Systems (NeurIPS)
 - ACL Rolling Review
- 2020 Association for Computational Linguistics Language Grounding to Vision, Robotics and Beyond
 - Neural Information Processing Systems (NeurIPS)
 - Asia-Pacific chapter of the Association for Computational Linguistics
- 2019 Association for Computational Linguistics Vision, Robotics, Multimodal Grounding, and Speech
- 2018 International Conference on Computational Linguistics
- 2016 Conference on Lexical and Computational Semantics (*SEM) Sem. Parsing and Role Labeling

Reviewer

NLP	ARR	Association for Computational Linguistics Rolling Review	2021
	ACL	Association for Computational Linguistics	2017, 2018
	CL	Computational Linguistics Journal	2017 – 2022
	CoLing	International Conference on Computational Linguistics	2016
	CoNLL	Conference on Computational Natural Language Learning	2016 – 2018
	EACL	European Chapter of the Association for Computational Linguistics	2014, 17, 20
	EMNLP	Empirical Methods in Natural Language Processing	2013 – 2020
	IJCNLP	International Joint Conference on Natural Language Processing	2017
	NAACL	N. American Chapter of the Association for Computational Ling	2016 – 2019
	NLE	Natural Language Engineering Journal	2016
	*SEM	Joint Conference on Lexical and Computational Semantics	2020
	TACL	Transactions of the Assoc. for Computational Linguistics	2019
Robo	CoRL	Conference on Robot Learning	2019 - 2021

	AURO	Autonomous Robots	2022
	RSS	Robotics: Science and Systems	2022
	HRI	Human Robot Interaction	2020 - 2022
	ICRA	International Conference on Robotics and Automation	2019
	IJRR	International Journal of Robotics Research	2017
	IROS	IEEE/RSJ International Conference on Intelligent Robots and Systems	2019
	RA-L	IEEE Robotics and Automation Letters	2019
AI/ML	AAAI	Association for the Advancement of Artificial Intelligence	2018, 2021
	ICLR	International Conference on Learning Representations	2019 – 2020
	ICML	International Conference on Machine Learning	2019
	IJCAI	International Joint Conference on Artificial Intelligence	2019
	NeurIPS	Neural Information Processing Systems	2018 – 2019
CV	CVPR	Computer Vision and Pattern Recognition	2020

Invitations and Talks

2022 How machines learn language: Useful but wrong? 12th Inter. Wksp on Language Production Following Instructions and Asking Questions Univ of Potsdam

Univ California Santa Barbara NLP

Georgia Tech NLP

Microsoft Research NYC

Penn State University

Universitat Hamburg Crossmodal Learning (CML) summer school

University of Stuttgart Institute of Natural Language Processing

2021 Univ of Illinois at Urbana-Champaign NLP

Human Interaction for Robotic Navigation Workshop @ Inter. Conference on Computer Vision

WebQA: Multihop and Multimodal QA PNNL Mega-Al Seminar

WebQA: Multihop and Multimodal Microsoft Research Summit

2nd Workshop on Advances in Language and Vision Research (ALVR) NAACL

Instructions, Abstraction, and Theory-of-Mind Koç University Al center

Understanding the Potential of Scaling Artificial Intelligence for Science Applications Panel Pacific Northwest National Lab

Guest Lecture: Embodiment for NLP Univ of Pennsylvania

Guest Lecture: Multimodality in NLP UWashington Linguistics

2020 The 2nd Workshop Beyond Vision and Language: Integrating Real-world Knowledge CoLing

The University of Texas at Austin - Forum for AI

Cornell Learning Machines seminar

Stanford NLP seminar

SRI Center for Vision Technology Lab Panel Embodied Al

- 2018 Colloquium Talk Northwest NLP
- 2017 Invited Talk University of Notre Dame NLP Seminar

Invited Talk University of California, Irvine AI/ML Seminar

Invited Talk Pacific Northwest National Laboratory

- 2016 **Invited Poster** The Impact of Computing in Our Physical World session of the CRA's Computing Community Consortium (CCC) Symposium on Computing Research
- 2015 Colloquium Talk Toyota Tech. Inst. of Chicago's Midwest Speech & Language Days
- 2013 Colloquium Talk Toyota Tech. Inst. of Chicago's Midwest Speech & Language Days