

# Vered Shwartz

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## Research

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Natural Language Processing, Machine Learning, Computational Semantics, Machine Commonsense

## Professional Experience

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09/2021-present **Assistant Professor**, Computer Science Department, University of British Columbia  
05/2022-present **Faculty Member**, Vector Institute  
06/2019-08/2021 **Postdoctoral Researcher**, Paul G. Allen School of Computer Science & Engineering, University of Washington  
06/2019-08/2021 **Postdoctoral Researcher**, Allen Institute for AI (AI2) (mentor: Yejin Choi)  
05/2017-07/2017 **Research Intern**, Google Research (host: Chris Waterson)  
08/2015-11/2015 **Research Intern**, IBM Research (host: Eyal Shnarch)  
09/2013-01/2014 **Visiting Scholar**, Alexandru Ioan Cuza, University of Iași, Romania (host: Diana Trandabăț)  
2009-2011 **Senior Developer (R&D)**, Israel Defense Force - Intelligence Corps (rank: Lieutenant)  
2008-2010 **Software Engineering Team Leader**, Israel Defense Force - Intelligence Corps  
2005-2008 **Software Engineer**, Israel Defense Force - Intelligence Corps

## Education

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**Bar-Ilan University** *Ramat-Gan, Israel*  
PH.D. IN COMPUTER SCIENCE (ADVISOR: IDO DAGAN) *2019*  
Thesis: Learning High-Precision Lexical Inferences  
M.SC. IN COMPUTER SCIENCE (ADVISOR: IDO DAGAN) *2015*  
Thesis: Learning High-Precision Lexical Inferences  
B.SC. IN COMPUTER SCIENCE *2013*  
Graduated with excellence (final grade 92/100).

## Awards & Grants

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2022-2027 **CIFAR AI Chair**, Canadian Institute for Advanced Research (CIFAR) *760,000 CAD*  
2022-2027 **Discovery Grant**, National Science and Engineering Research Council (NSERC) *170,000 CAD*  
2022 **Discovery Grant Early Career Researchers Supplement**, National Science and Engineering Research Council (NSERC) *12,500 CAD*  
2021 **AI2 Research Gift**, The Allen Institute for AI (AI2) *100,000 USD*  
2020 **Doctoral Dissertation Award - Runner up**, Israeli Association for Artificial Intelligence (IAAI)  
2019 **The Eric and Wendy Schmidt Postdoctoral Award for Women in Mathematical and Computing Sciences**, The Schmidt Family Foundation *50,000 USD*  
2018 **Research Excellence Award**, Malam Team *3,000 USD*  
2017 **AI2 Key Scientific Challenges Program**, The Allen Institute for AI (AI2) *10,000 USD*  
2017-2019 **Clore Foundation Scholarship for Excellent Ph.D. Students**, Clore Israel Foundation *27,000 USD/year*

2015-2017	<b>Bar-Ilan University's President's Scholarship For Excelling Doctoral Students,</b> Bar-Ilan University	14,000 USD/year
2016	<b>Best Paper, *SEM</b> <b>Outstanding Paper, ACL</b>	
2015	<b>Dean's Excellence Award,</b> Faculty of Exact Sciences, Bar-Ilan University	

## Publications

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### DISSERTATIONS

#### **Learning High-Precision Lexical Inferences**

Vered Shwartz. PhD Dissertation, Bar-Ilan University, 2019.

### JOURNAL ARTICLES

#### **It's not Rocket Science: Interpreting Figurative Language in Narratives**

Tuhin Chakrabarty, Yejin Choi, and Vered Shwartz. TACL 2022.

#### **Dissertation Abstract: Learning High Precision Lexical Inferences**

Vered Shwartz. Künstliche Intelligenz Special Issue on NLP and Semantics 2021.

#### **Still a Pain in the Neck: Evaluating Text Representations on Lexical Composition**

Vered Shwartz and Ido Dagan. TACL 2019.

### CONFERENCE PAPERS

#### **What happens before and after: Multi-Event Commonsense in Event Coreference Resolution**

Sahithya Ravi, Chris Tanner, Raymond Ng, and Vered Shwartz. Long paper @ EACL 2023.

#### **VLC-BERT: Visual Question Answering with Contextualized Commonsense Knowledge**

Sahithya Ravi, Aditya Chinchure, Leonid Sigal, Renjie Liao, and Vered Shwartz. Long paper @ WACV 2023.

#### **Good Night at 4 pm?! Time Expressions in Different Cultures**

Vered Shwartz. Long paper @ Findings of ACL 2022.

#### **Surface Form Competition: Why the Highest Probability Answer Isn't Always Right**

Ari Holtzman, Peter West, Vered Shwartz, Yejin Choi, and Luke Zettlemoyer. Long paper @ EMNLP 2021.

#### **Uncovering Implicit Gender Bias in Narratives through Commonsense Inference**

Tenghao Huang, Faeze Brahman, Vered Shwartz, and Snigdha Chaturvedi. Short paper @ Findings of EMNLP 2021.

#### **Teach the Rules, Provide the Facts: Targeted Relational-knowledge Enhancement for Textual Inference**

Ohad Rozen, Shmuel Amar, Vered Shwartz, and Ido Dagan. Long paper @ \*SEM 2021.

#### **Weakly-Supervised Rationale Generation for Nonmonotonic Reasoning**

Faeze Brahman, Vered Shwartz, Rachel Rudinger, and Yejin Choi. Long paper @ AAAI 2021.

#### **Paragraph-Level Commonsense Transformers with Recurrent Memory**

Saadia Gabriel, Chandra Bhagavatula, Vered Shwartz, Ronan Le Bras, Maxwell Forbes and Yejin Choi. Long paper @ AAAI 2021.

#### **Unsupervised Commonsense Question Answering with Self-Talk**

Vered Shwartz, Peter West, Ronan Le Bras, Chandra Bhagavatula and Yejin Choi. Long paper @ EMNLP 2020.

#### **Back to the Future: Unsupervised Backprop-based Decoding for Counterfactual and Abductive Commonsense Reasoning**

Lianhui Qin, Vered Shwartz, Peter West, Chandra Bhagavatula, Jena D. Hwang, Ronan Le Bras, Antoine Bosselut and Yejin Choi. Long paper @ EMNLP 2020.

#### **Social Chemistry 101: Learning to Reason about Social and Moral Norms**

Maxwell Forbes, Jena D. Hwang, Vered Shwartz, Maarten Sap and Yejin Choi. Long paper @ EMNLP 2020.

#### **"You are grounded!": Latent Name Artifacts in Pre-trained Language Models**

Vered Shwartz, Rachel Rudinger, and Oyvind Tafjord. Short paper @ EMNLP 2020.

**Do Neural Language Models Overcome Reporting Bias?**

Vered Shwartz and Yejin Choi. Short paper @ COLING 2020.

**Thinking Like a Skeptic: Defeasible Inference in Natural Language**

Rachel Rudinger, Vered Shwartz, Jena D. Hwang, Chandra Bhagavatula, Maxwell Forbes, Ronan Le Bras, Noah A. Smith and Yejin Choi. Long paper @ Findings of EMNLP 2020.

**Paraphrasing vs Coreferring: Two Sides of the Same Coin**

Yehudit Meged, Avi Caciularu, Vered Shwartz, and Ido Dagan. Long paper @ Findings of EMNLP 2020.

**Revisiting Joint Modeling of Cross-document Entity and Event Coreference Resolution**

Shany Barhom, Vered Shwartz, Alon Eirew, Michael Bugert, Nils Reimers, and Ido Dagan. Long paper @ ACL 2019.

**Evaluating Text GANs as Language Models**

Guy Tevet, Gavriel Habib, Vered Shwartz, and Jonathan Berant. Short paper @ NAACL 2019.

**Paraphrase to Explicate: Revealing Implicit Noun-Compound Relations**

Vered Shwartz and Ido Dagan. Long paper @ ACL 2018.

**Breaking NLI Systems with Sentences that Require Simple Lexical Inferences**

Max Glockner, Vered Shwartz and Yoav Goldberg. Short paper @ ACL 2018.

**Olive Oil Is Made of Olives, Baby Oil Is Made for Babies: Interpreting Noun Compounds Using Paraphrases in a Neural Model**

Vered Shwartz and Chris Waterson. Short paper @ NAACL 2018.

**Integrating Multiplicative Features into Supervised Distributional Methods for Lexical Entailment**

Tu Vu and Vered Shwartz. Short paper @ \*SEM 2018.

**Neural Disambiguation of Causal Lexical Markers Based on Context**

Eugenio Martinez Camara, Vered Shwartz, Iryna Gurevych and Ido Dagan. Long paper @ IWCS 2017.

**Acquiring Predicate Paraphrases from News Tweets**

Vered Shwartz, Gabriel Stanovsky and Ido Dagan. Short paper @ \*SEM 2017.

**Learning Antonyms with Paraphrases and a Morphology-aware Neural Network**

Sneha Rajana, Chris Callison-Burch, Marianna Apidianaki and Vered Shwartz. Long paper @ \*SEM 2017.

**Hypernyms under Siege: Linguistically-motivated Artillery for Hypernymy Detection**

Vered Shwartz, Enrico Santus and Dominik Schlechtweg. Long paper @ EACL 2017.

**Improving Hypernymy Detection with an Integrated Path-based and Distributional Method**

Vered Shwartz, Yoav Goldberg and Ido Dagan. Long paper @ ACL 2016, **Outstanding Paper Award**

**Adding Context to Semantic Data-Driven Paraphrasing.**

Vered Shwartz and Ido Dagan. Short paper @ \*SEM 2016, **Best Paper Award**

**Learning to Exploit Structured Resources for Lexical Inference.**

Vered Shwartz, Omer Levy, Ido Dagan, and Jacob Goldberger. Long paper @ CoNLL 2015.

**Multi-Level Alignments as an Extensible Representation Basis for Textual Entailment Algorithms.**

Tae-Gil Noh, Sebastian Pado, Vered Shwartz, Ido Dagan, Vivi Nastase, Kathrin Eichler, Lili Kotlerman and Meni Adler. Short paper @ \*SEM 2015.

WORKSHOP PAPERS AND OTHERS

**A Systematic Comparison of English Noun Compound Representations**

Vered Shwartz. *Proceedings of the Joint Workshop on Multiword Expressions and WordNet (MWE-WN 2019) @ ACL 2019.*

**A Consolidated Open Knowledge Representation for Multiple Texts**

Rachel Wities, Vered Shwartz, Gabriel Stanovsky, Meni Adler, Ori Shapira, Shyam Upadhyay, Dan Roth, Eugenio Martinez Camara, Iryna Gurevych and Ido Dagan. *Proceedings of the 2nd Workshop on Linking Models of Lexical, Sentential and Discourse-level Semantics (LSDSem), @ EACL 2017.*

## **Path-based vs. Distributional Information in Recognizing Lexical Semantic Relations**

Vered Shwartz and Ido Dagan.

*Proceedings of the 5th Workshop on Cognitive Aspects of the Lexicon (CogALex-V), @ COLING 2016.*

## SHARED TASKS

### **SemEval-2018 Task 9: Hypernym Discovery**

Jose Camacho-Collados, Claudio Delli Bovi, Luis Espinosa-Anke, Sergio Oramas, Tommaso Pasini, Enrico Santus, Vered Shwartz, Roberto Navigli, and Horacio Saggion. *International Workshop on Semantic Evaluation (SemEval), @ NAACL 2018.*

### **CogALex-V Shared Task: LexNET - Integrated Path-based and Distributional Method for the Identification of Semantic Relations**

Vered Shwartz and Ido Dagan. *Proceedings of the 5th Workshop on Cognitive Aspects of the Lexicon (CogALex-V), @ COLING 2016. Winner in the main task (semantic relation classification).*

## IN SUBMISSION

### **From chocolate bunny to chocolate crocodile: Do Language Models Understand Noun Compounds?**

Jordan Coil and Vered Shwartz. 2023.

### **Stance Reasoner: Zero-Shot Stance Detection on Social Media with Explicit Reasoning**

Maksym Taranukhin, Vered Shwartz, and Evangelos Milios. 2023.

### **COMET-M: Reasoning about Multiple Events in Complex Sentences**

Sahithya Ravi, Raymond Ng, and Vered Shwartz. 2023.

## NON-ACADEMIC WRITING

### **Automatic Paraphrasing**

Vered Shwartz. Babel: The Language Magazine, Issue 21, November 2017, pp. 32-37.

**Probably Approximately a Scientific Blog:** <https://veredshwartz.blogspot.co.il/>.

## Invited Talks

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February 2023. **Incorporating Commonsense Reasoning into NLP Models.** Vector Research Symposium, Toronto, Canada.

January 2023. **Incorporating Commonsense Reasoning into NLP Models.** Bar Ilan University, Ramat Gan, Israel.

December 2022. **Incorporating Commonsense Reasoning into NLP Models.** Hebrew University, Jerusalem, Israel.

December 2022. **Incorporating Commonsense Reasoning into NLP Models.** IBM Research, Tel Aviv, Israel.

November 2022. **Incorporating Commonsense Reasoning into NLP Models.** HiTZ Language Technology Webinar.

September 2022. **Incorporating Commonsense Reasoning into NLP Models.** UBC Linguistics Department Colloquium.

July 2022. **Incorporating Commonsense Reasoning into NLP Models.** UCL NLP Meetup.

April 2022. **Incorporating Commonsense Reasoning into NLP Models.** SRI International.

March 2022. **Incorporating Commonsense Reasoning into NLP Models.** University of Copenhagen AI Center Seminar.

February 2022. **Incorporating Symbolic Knowledge into Neural NLP Models.** Invited talk at the Workshop on Combining Learning and Reasoning (CLear) @ AAAI 2022.

February 2022. **Incorporating Commonsense Reasoning into NLP Models.** University of California Santa Barbara NLP Seminar.

January 2022. **Recent Breakthroughs and Uphill Battles in Modern Natural Language Processing**. Invited talk at the Vancouver MLOps Summit.

November 2021. **Nonmonotonic Reasoning in Natural Language**. Invited talk at the Non-Monotonic Reasoning workshop (NMR) @ KR 2021.

October 2021. **Commonsense Reasoning in Natural Language Processing**. Guest Lecture, Deep Learning for NLP course, Harvard University.

September 2021. **Commonsense Knowledge and Reasoning in Natural Language**. Distinguished Talk Series, Microsoft Cognitive Services Research Group.

August 2021. **A Long Hard Look at MWEs in the Age of Language Models**. Invited talk at Multiword Expressions (MWE) workshop, ACL 2021.

July 2021. **Commonsense Knowledge and Reasoning in Natural Language**. WING NUS Natural Language Processing (NLP) Seminar, virtual.

June 2021. **A bookworm barely graduating from the University of Life: On Language Models and Commonsense Knowledge**. Invited talk at Deep Learning Inside Out (DeeLIO) workshop, NAACL 2021.

June 2021. **Natural Language Inference: Challenges and Opportunities**. Invited talk at Natural Logic Meets Machine Learning (NALOMA) workshop, IWCS 2021.

May 2021. **(Hopefully-Reusable) Life Lessons for PhD Students in NLP**. Women in NLP Meetup, dair.ai.

February 2021. **Commonsense Knowledge and Reasoning in Natural Language**. NLP Seminar, University of Pittsburgh

February 2021. **Commonsense Knowledge and Reasoning in Natural Language**. Machine Learning and Friends Lunch, University of Massachusetts Amherst

February 2021. **Commonsense Knowledge and Reasoning in Natural Language**. IBM Research, Israel

January 2021. **Recent Breakthroughs and Uphill Battles in Modern Natural Language Processing**. AI and Data Summit, Virtual

December 2020. **Unsupervised Methods for Commonsense Reasoning**. University of Mannheim NLP Research Seminar, Virtual

October 2020. **Unsupervised Methods for Commonsense Reasoning**. SRI Vision and Learning Seminar, Virtual

October 2020. **Recent Breakthroughs and Uphill Battles in Modern NLP**. Global AI October Sessions, Virtual

August 2020. **Recent Breakthroughs and Uphill Battles in Modern NLP**. Ai4 Conference, Virtual

August 2020. **Recent Breakthroughs and Uphill Battles in Modern NLP**. Bayer Meets Academia, Virtual

February 2020. **What do I know? Pushing the boundaries of existing world knowledge**. Treehouse Meeting, Department of Linguistics, University of Washington, Seattle, Washington

January 2020. **What do I know? Pushing the boundaries of existing world knowledge**. Bar Ilan University, Ramat Gan, Israel

December 2019. **Not a piece of cake: on lexical composition and implicit information**. Workshop on Data-driven Approaches to Parsing and Semantic Composition, Tübingen, Germany

December 2019. **Not a piece of cake: on lexical composition and implicit information**. Inria Lab, Paris, France

December 2019. **Fast breaking and slow building of textual inference models**. Department of Linguistics, Universität Konstanz, Germany

October 2019. **What do I know? Pushing the boundaries of existing world knowledge**. LTI Colloquium at Carnegie Mellon University, Pittsburgh, Pennsylvania

January 2019. **At Loose Ends: Challenges and Opportunities in Lexical Composition**. Machine Learning and Optimization Laboratory at EPFL, Lausanne, Switzerland

January 2019. **How well can Neural Text Representations Address Lexical Composition?** Applied Machine Learning Days (AMLD), Lausanne, Switzerland

December 2018. **Multi-word Units Under the Magnifying Glass.** ONLP Lab, Open University of Israel

December 2018. **Are we there yet? Remaining Challenges in Deep Learning based Natural Language Processing.** WeAreDevelopers AI Congress, Vienna, Austria

June 2018. **Introduction to Natural Language Processing.** HALB Elementary School, Woodmere, New York

June 2018. **Acquiring Lexical Semantic Knowledge.** New York University, New York, New York

June 2018. **Acquiring Lexical Semantic Knowledge.** University of Pennsylvania, Philadelphia, Pennsylvania

May 2018. **Acquiring Lexical Semantic Knowledge.** Stanford University, Stanford, California

May 2018. **Acquiring Lexical Semantic Knowledge.** University of Washington, Seattle, Washington

May 2018. **Acquiring Lexical Semantic Knowledge.** Allen Institute for AI (AI2), Seattle, Washington

May 2018. **Paraphrase to Explicate: Revealing Implicit Noun-Compound Relations.** Google, Mountain View, California

January 2018. **How are you two related? Corpus-based Learning of Lexical Semantic Relations.** Workshop on Wordnets and Word Embeddings, 9th Global Wordnet Conference, Singapore

January 2018. **Acquiring Lexical Semantic Knowledge.** Computer Science Department Seminar, NUS School of Computing, Singapore

December 2017. **Acquiring Lexical Semantic Knowledge.** Advanced Topics NLP Seminar, Tel-Aviv University, Israel

November 2017. **Acquiring Lexical Semantic Knowledge.** Google Research, Israel

August 2016. **Recognizing Lexical Inference.** UKP lab, Darmstadt University, Germany

April 2016. **Recognizing Lexical Inference.** ProbModels Reading Group, EdinburghNLP, University of Edinburgh, Scotland

April 2016. **Recognizing Lexical Inference.** Thomson Reuters, Israel

February 2016. **Recognizing Lexical Inference.** Intel, Israel

April 2015. **Learning To Exploit Structured Resources for Lexical Inference.** IBM Research, Israel

## Public Engagement

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February 2023. Terminal City Club Dinner Salon Discussion about ChatGPT. Vancouver, Canada.

February 2023. [Top 5 AI Trends](#). IABC Panel, online.

## Media

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February 2023. CBC News: [AI tool raises cheating concerns](#)

January 2023. CTV News: [Universities respond to chatbot cheating / B.C. educators concerned that students may be tempted to cheat through AI, ChatGPT](#)

November 2022. UBC Science: [A common sense approach to machine learning](#)

October 2022. CIFAR: [CIFAR, Amii and the Vector Institute name eight new Canada CIFAR AI Chairs](#)

October 2022. UBC CS News: [Dr. Jeff Clune and Dr. Vered Shwartz appointed Canada CIFAR AI Chairs](#)

May 2022. UBC Language Sciences: [Good Night at 4 pm?! Time Expressions in Different Cultures: Q&A with Dr. Vered Shwartz](#)

October 2021. UBC CS News: [Introducing Dr. Vered Shwartz, Natural Language Processing researcher](#)

May 2021. Freethink: [You Can Now Live Forever. \(Your AI-Powered Twin, That Is\).](#)

March 2021. TWIML AI Podcast: [Common Sense Reasoning in NLP](#)

## Teaching Experience

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2022	<b>Course on Natural Language Processing, UBC Department of Computer Science,</b> <a href="https://www.cs.ubc.ca/~vshwartz/courses/CPSC436N-22/index.html">https://www.cs.ubc.ca/~vshwartz/courses/CPSC436N-22/index.html</a>	<i>Instructor</i>
2022-2023	<b>Course on Commonsense Reasoning in NLP, UBC Department of Computer Science,</b> <a href="https://www.cs.ubc.ca/~vshwartz/courses/CPSC532V-22/index.html">https://www.cs.ubc.ca/~vshwartz/courses/CPSC532V-22/index.html</a>	<i>Designer and Instructor</i>
2021	<b>Course on Commonsense Reasoning in NLP, Online Asian Machine Learning School (OAMLS),</b> <a href="http://www.acml-conf.org/2021/school/">http://www.acml-conf.org/2021/school/</a>	<i>Designer and Instructor</i>
2020	<b>Tutorial on Commonsense Reasoning in NLP, ACL 2020,</b> <a href="https://homes.cs.washington.edu/~msap/acl2020-commonsense/">https://homes.cs.washington.edu/~msap/acl2020-commonsense/</a>	<i>Designer and Instructor</i>
2019	<b>Deep Learning for NLP Workshop (NVIDIA DLI University Ambassador Program),</b> Computer Science Department, Bar-Ilan University	<i>Instructor</i>
2015-2018	<b>Applied Probability Models for Computer Science,</b> Computer Science Department, Bar-Ilan University	<i>Teaching Assistant</i>

## Advising and Mentoring

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### PhD Advising:

2021-	<b>Sahithya Ravi</b>	<i>(co-advisor: Raymond Ng)</i>
2021-	<b>Soheil Alavi</b>	<i>(co-advisor: Raymond Ng)</i>
2021-	<b>Grigorii Guz</b>	<i>(co-advisor: Giuseppe Carenini)</i>
2022-	<b>Eunjeong Hwang</b>	

### MSc Advising:

2022-	<b>Mehar Bhatia</b>
2023-	<b>Wenkai Chen</b>

### Undergraduate Advising:

May-Aug 2022	<b>Jordan Coil</b>	<i>(NSERC USRA)</i>
May-Aug 2022	<b>Jacob Hotz</b>	<i>(NSERC USRA)</i>
2022	<b>Shuhaib Mehri</b>	

### Mentoring:

Students I mentored on one or more projects.

2021	<b>Tuhin Chakrabarty</b>	<i>Intern at AI2</i>
2020	<b>Faeze Brahman</b>	<i>Intern at AI2</i>
2020	<b>Lianhui Qin</b> with Yejin Choi	<i>University of Washington</i>
	<b>Saadia Gabriel</b> with Yejin Choi	<i>University of Washington</i>
2019-2020	<b>Yehudit Meged</b> with Ido Dagan	<i>Bar-Ilan University</i>
	<b>Ohad Rozen</b> with Ido Dagan	<i>Bar-Ilan University</i>
2018-2019	<b>Shany Barhom</b> with Ido Dagan	<i>Bar-Ilan University</i>
	<b>Guy Tevet and Gavriel Habib</b> with Jonathan Berant	<i>Tel Aviv University</i>
2017-2018	<b>Max Glockner</b> with Yoav Goldberg	<i>Bar-Ilan University</i>
2017	<b>Tu Vu</b>	<i>UMass Amherst</i>
	<b>Sneha Rajana</b> with Chris Callison-Burch and Marianna Apidianaki	<i>University of Pennsylvania</i>
	<b>Rachel Wities</b> with Ido Dagan	<i>Bar-Ilan University</i>

## Service

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### Organizing Committee:

- 2022 **Website Co-Chair** NAACL 2022
- 2022 **Future of NLP Symposium** UBC
- 2022 ACL 2022 Workshop on Commonsense Representation and Reasoning (CSRR)
- 2021 AKBC 2021 Workshop on Commonsense Reasoning and Knowledge Bases (CSKB)
- 2021 ACL 2021 Workshop on Representation Learning for NLP (Repl4NLP)
- 2020 ACL 2020 Tutorial on Commonsense Reasoning for Natural Language Processing
- EMNLP 2020 Workshop on Simple and Efficient Natural Language Processing (SustaiNLP)
- AAAI 2020 Workshop on Reasoning for Complex Question Answering, Special Edition on Commonsense Reasoning
- AAAI 2020 Spring Symposium: Commonsense Redux: Integrating Formal Commonsense Knowledge Acquisition and Reasoning with Deep Learning, Crowdsourcing, and More (cancelled due to COVID-19)
- 2018 ACL 2018 Student Research Workshop
- SemEval 2018 task 9 on hypernym discovery

### Editor:

- 2020-2022 Northern European Journal of Language Technology (NEJLT)
- 2021-2022 Semantic Web Journal (SWJ) special issue on Commonsense Knowledge and Reasoning

### Area Chair:

- 2022 EMNLP (Commonsense Reasoning track)
- 2020-2021, 2023 ACL (Lexical Semantics / Resources & Evaluation tracks)
- 2021 EACL (Lexical Semantics track)
- 2021 IJCAI
- 2020 EMNLP (Multidisciplinary track)
- 2020, 2022 \*SEM (Lexical Semantics and Word Representations track)
- 2016 ESSLLI Student Session (LaCo track)

### Reviewer:



2021-2022 ACL Rolling Review  
 2021-2023 TACL  
 2017-2022 CL Journal  
 2022 Language Resources and Evaluation Journal  
 2021 Künstliche Intelligenz Journal  
 2019 NLE Journal  
 2018, 2022 Semantic Web Journal, special issues  
 2021-2022 Artificial Intelligence Journal  
 2018-2019 ACL  
 2016, 2019, 2021 EMNLP  
 2019, 2021 NAACL  
 2022 EACL  
 2021 AAI  
 2019, 2021 \*SEM  
 2020, 2022 COLING  
 2018-2020 RepL4NLP  
 2021 MWE workshop  
 2021-2022 UnImplicit workshop  
 2019, 2022 DeeLo  
 2023 EACL Student Research Workshop  
 2020 WeCNLP  
 2019 LDK, NeuralGen, RepEval, RELATIONS workshop  
 2017-2018 SemDeep  
 2018 NLP-OSS  
 2016-2017 CoNLL  
 2017 ESLLI student session

**Steering Committee:**

2021 SemEval

**Mentor:**

2020 ACL Student Research Workshop

**University and Department Service:**

2022-2023 Member of the faculty search committee, Masters of Data Science program - Educational Leadership Stream  
 2021-2022 Member of the graduate recruiting and admissions committee, UBC Department of Computer Science  
 2021-2022 Member of the faculty search committee, UBC Department of Linguistics