

Siva Reddy

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Academic Position	Assistant Professor Mila – Quebec Artificial Intelligence Institute School of Computer Science, McGill University Department of Linguistics, McGill University	Jan 2020 – current
Education	Postdoctoral Researcher Computer Science Department, Stanford University Advisor: Christopher D. Manning	June 2017 – Sep 2019
	PhD, Informatics University of Edinburgh, UK Supervisors: Mirella Lapata, Mark Steedman Committee: Luke Zettlemoyer, Adam Lopez Thesis: Syntax-Mediated Semantic Parsing	Oct 2012 – Nov 2017
	M.S. by Research, Computer Science, University of York, UK Thesis: Polysemy in Compositional Distributional Semantics	Oct 2010 – Sep 2011
	M.S. by Research, Computer Science, IIIT Hyderabad, India	Jul 2009 – Sep 2010
	B.Tech with Honours, Computer Science IIIT Hyderabad, India	Jul 2005 – Jul 2009
Employment	Research Scientist (20%) ServiceNow Research (previously Element AI)	Jul 2022 – current
	Visiting Scientist Simons Institute, UC Berkeley.	Spring 2025
	Scientific Advisor (20%) IVADO Labs, Montreal	May 2021 – Dec 2021 https://ivadolabs.com/en/
	Research Intern Google Research, New York	Jul 2014 – Nov 2014
	Research Engineer Lexical Computing Ltd., UK	Oct 2011 – Aug 2012 http://sketchengine.co.uk
	Google Summer of Code	Summer 2009
Awards	CS-Can Outstanding Early Career Computer Science Researcher Award, 2025 Canada CIFAR AI Chair, 2025 Senior Area Chair Paper Award, NAACL 2025 Best Paper Award, EMNLP 2021 VentureBeat AI Innovation of the Year Award in NLP, July 2020	

Facebook CIFAR AI chair, 2020
 Google PhD Fellowship, 2015-2017
 The Principal's Career Development Scholarship, 2012-2014, University of Edinburgh
 The Edinburgh Global Research Scholarship, 2012-2014, University of Edinburgh
 Fully Funded Overseas Research Scholarship, 2010-2011, University of York
 Best Paper Award, IJCNLP 2011

Grants

Google Gemini Academic Program Award, USD \$100,000 (GCP credits), 2025–2026
 People: **Siva Reddy** (PI)

Canada CIFAR AI Chair Renewal, CAD \$1.2 Million, 2025–2030
 People: **Siva Reddy**

IVADO R3AI NLP Regroupement, CAD \$3 Million, 2024–2030
 People: **Siva Reddy** (co-Leader) and Amal Zouaq (co-Leader), and 20 other researchers.

IVADO R3AI Safety Regroupement, CAD \$40,000, 2024–2030
 People: **Siva Reddy**

CIFAR Catalyst Grant, CAD \$100,000, 2024
 Natural Language Processing for Users from Diverse Cultures
 People: Vered Shwartz (PI) and **Siva Reddy** (co-PI)

Google-Mila Grant, CAD \$100,000, 2024
 Vision Language Models for Everyone: Building geo-diverse and culturally aware vision-language models
 People: Aishwarya Agrawal (PI), **Siva Reddy** (co-PI), Lisa Anne Hendricks, Sjoerd van Steenkist, Fei Sha.

NSERC-Mitacs Alliance Grant, CAD \$1.5 Million, 2024–2029
 Overcoming Data Scarcity in Natural Language Processing for Industrial Applications through Knowledge Engineering and Reasoning
 People: Jian-Yun Nie (PI), Yoshua Bengio (co-PI), Philippe Langlais (co-PI), Jackie Cheung (co-PI), Luc Lamontagne (co-PI), **Siva Reddy** (co-PI), Samira Kahou (co-PI), Richard Khoury (co-PI), Bang Liu (co-PI), Jian Tang (co-PI), Amal Zouaq (co-PI)

Samsung-Mila Grant, CAD \$200,000, 2024–2026
 People: **Siva Reddy** (PI)

Mitacs Grant with ServiceNow, CAD \$30,000, 2024
 People: **Siva Reddy** (PI)

Mila Technology Maturation Grant, CAD \$165,000, 2023–2026
 People: **Siva Reddy** (PI)

MSR-Mila Grant, CAD \$120,000, 2023–2024
 People: **Siva Reddy** (PI)

Google-Mila Grant, CAD \$50,000, 2023–2024
 People: **Siva Reddy** (PI), Chris Pal

Intel-Mila Grant, CAD \$90,000, 2022–2025
 People: **Siva Reddy** (PI)

FRQNT New Academics, CAD \$50,800, People: Siva Reddy (PI)	2022–2024
MITACS Accelerate, CAD\$32,500 People: Devang Kulshreshtha, Nicholas Meade, Iulian Vlad Serban (Korbit AI), Siva Reddy (PI)	Apr 2022 – May 2023
Samsung-Mila Grant, CAD \$180,000, People: Yash Goyal, Aishwarya Agrawal (co-PI), Siva Reddy (co-PI), Aaron Carouville (PI)	2021–2023
IBM-Mila Grant, CAD \$90,000, People: Siva Reddy (PI)	2021–2023
CFI JELF Innovation Fund, CAD \$450,000, People: Tim O'Donnell (PI), Siva Reddy (co-PI)	2021
IVADO – Fundamental Research Grant, CAD\$200,000 People: Gilles Pesant (PI), Sarath Chandar (co-PI), Siva Reddy (co-PI)	Sep 2020 – Aug 2022
MITACS Accelerate, CAD\$32,500 People: Devang Kulshreshtha, Iulian Vlad Serban (Korbit AI), Siva Reddy (PI)	Sep 2020 – Aug 2021
MITACS Accelerate, CAD\$30,000 People: Emily Goodwin, Dzmitry Bahdanau (Element AI), Timothy J. O'Donnell, Siva Reddy (PI)	May 2020 – Jan 2021
Scale AI: Access to resources on COVID-19 through a chatbot, CAD \$560,000 (30K is my allocation). Partners: Dialogue, Mila, Nu Echo, Samasource, Google, JHU and Dataperformers	May 2020 – Sep 2020
NSERC Discovery Grant CAD \$238,000 People: Siva Reddy (PI)	Apr 2020 – Mar 2027
NSERC Discovery Launch Supplement CAD \$12,500 People: Siva Reddy (PI)	Apr 2020 – Mar 2027
MSR-Mila Grant, CAD\$55,000 People: Shehzaad Dhuliawala, Kaheer Suleman, Siva Reddy (PI)	Apr 2020-Mar 2021
Facebook CIFAR AI Chair, CAD \$1.1 million People: Siva Reddy (PI)	2020-2024
Amazon Research Awards, US \$100,000 Title: Enabling Multilingual Language Understanding People: Christopher D. Manning (PI), Siva Reddy	Jan 2018
Stanford AI Lab Seed Grant, US \$50,000 Title: Algorithms for Developing Context-Dependent Understanding of Language People: Christopher D. Manning (PI), Siva Reddy	Dec 2017
Facebook AI Research Grant, US \$20,000 Title: A Task for Developing Context-Dependent Understanding of Language People: Christopher D. Manning (PI), Siva Reddy, Drew Arad	Oct 2017

**Journal
Publications**

- [J19] DeepSeek-R1 Thoughtology: Let’s think about LLM Reasoning
Sara Vera Marjanović, Arkil Patel, Vaibhav Adlakha, Milad Aghajohari, Parishad BehnamGhader, Mehar Bhatia, Aditi Khandelwal, Austin Kraft, Benno Krojer, Xing Han Lù, Nicholas Meade, Dongchan Shin, Amirhossein Kazemnejad, Gaurav Kamath, Marius Mosbach, Karolina Stańczak, **Siva Reddy**
TMLR 2026.
- [J18] Reframing linguistic bootstrapping as joint inference using visually-grounded grammar induction models
Eva Portelance, **Siva Reddy**, Timothy O’Donnell
Journal of Memory and Language 2025.
- [J17] Semantic change in adults is not primarily a generational phenomenon
Gaurav Kamath, Michelle Yang, **Siva Reddy**, Morgan Sonderegger, Dallas Card
Proceedings of the National Academy of Sciences 2025.
- [J16] The BrowserGym Ecosystem for Web Agent Research
Thibault Chezelles et al. (20 authors)
TMLR 2025.
- [J15] Investigating Adversarial Trigger Transfer in Large Language Models
Nicholas Meade, Arkil Patel, **Siva Reddy**
TACL 2025.
- [J14] Large language models deconstruct the clinical intuition behind diagnosing autism
Jack Stanley, Emmett Rabot, **Siva Reddy**, Eugene Belilovsky, Laurent Mottron, Danilo Bzdok
Cell 2025.
- [J13] Scope Ambiguities in Large Language Models
Gaurav Kamath, Sebastian Schuster, Sowmya Vajjala, **Siva Reddy**
TACL 2024.
- [J12] Evaluating Correctness and Faithfulness of Instruction-Following Models for Question Answering
Vaibhav Adlakha, Parishad BehnamGhader, Xing Han Lu, Nicholas Meade, **Siva Reddy**
TACL 2024.
- [J11] Data science opportunities of large-language models for neuroscience and biomedicine
Danilo Bzdok, Andrew Thieme, Oleksiy Levkovskyy, Paul Wren, Thomas Ray, **Siva Reddy**
Neuron 2024.
- [J10] StarCoder: may the source be with you!
Raymond Li et al. (67 authors)
TMLR 2023.
- [J9] Beyond the Imitation Game: Quantifying and extrapolating the capabilities of language models
Aarohi Srivastava et al. (450 authors)
TMLR 2023.
- [J8] FaithDial: A Faithful Benchmark for Information-Seeking Dialogue
Nouha Dziri, Ehsan Kamalloo, Sivan Milton, Osmar Zaiane, Mo Yu, Edoardo M Ponti, **Siva Reddy**
TACL 2022.
- [J7] TopiOCQA: Open-domain Conversational Question Answering with Topic Switching
Vaibhav Adlakha, Shehzaad Dhuliawala, Kaheer Suleman, Harm de Vries, **Siva Reddy**
TACL 2022

- [J6] Post-hoc interpretability for neural nlp: A survey
Andreas Madsen, **Siva Reddy**, Sarath Chandar
ACM Computing Surveys 2022
- [J5] Does Entity Abstraction Help Generative Transformers Reason?
Nicolas Gontier, **Siva Reddy**, Christopher Pal
TMLR 2022
- [J4] CoQA: A Conversational Question Answering Challenge.
Siva Reddy*, Danqi Chen*, Christopher D. Manning.
TACL, 2019.
- [J3] Learning an Executable Neural Semantic Parser.
Jianpeng Cheng, **Siva Reddy**, Vijay Saraswat, Mirella Lapata.
Computational Linguistics, 2019.
- [J2] Transforming Dependency Structures to Logical Forms for Semantic Parsing.
Siva Reddy, Oscar Täckström, Michael Collins, Tom Kwiatkowski, Dipanjan Das, Mark Steedman, Mirella Lapata.
TACL, 2016.
- [J1] Large-scale Semantic Parsing without Question-Answer Pairs.
Siva Reddy, Mirella Lapata, Mark Steedman.
TACL, 2014.

**Conference
Publications**

- [C1] The Markovian Thinker: Architecture-Agnostic Linear Scaling of Reasoning
Milad Aghajohari, Kamran Chitsaz, Amirhossein Kazemnejad, Sarath Chandar, Alessandro Sordoni, Aaron Courville, **Siva Reddy**
ICLR 2026.
- [C0] The Promise of RL for Autoregressive Image Editing
Saba Ahmadi, Rabiul Awal, Ankur Sikarwar, Amirhossein Kazemnejad, Ge Ya Luo, Juan A Rodriguez, Sai Rajeswar, **Siva Reddy**, Christopher Pal, Benno Krojer, Aishwarya Agrawal
NeurIPS 2025.
- [C0] AgentRewardBench: Evaluating Automatic Evaluations of Web Agent Trajectories
Xing Han Lù, Amirhossein Kazemnejad, Nicholas Meade, Arkil Patel, Dongchan Shin, Alejandra Zambrano, Karolina Stanczak, Peter Shaw, Christopher Pal, **Siva Reddy**
COLM 2025.
- [C0] Not All Data Are Unlearned Equally
Aravind Krishnan, **Siva Reddy**, Marius Mosbach
COLM 2025.
- [C0] SafeArena: Evaluating the Safety of Autonomous Web Agents
Ada Tur, Nicholas Meade, Xing Han Lù, Alejandra Zambrano, Arkil Patel, Esin Durmus, Spandana Gella, Karolina Stanczak, **Siva Reddy**
ICML 2025.
- [C0] VinePPO: Unlocking RL Potential For LLM Reasoning Through Refined Credit Assignment
Amirhossein Kazemnejad, Milad Aghajohari, Eva Portelance, Alessandro Sordoni, **Siva Reddy**, Aaron Courville, Nicolas Le Roux
ICML 2025.
- [C0] REARANK: Reasoning Re-ranking Agent via Reinforcement Learning
Le Zhang, Bo Wang, Xipeng Qiu, **Siva Reddy**, Aishwarya Agrawal
EMNLP 2025.

- [C0] WebMMU: A Benchmark for Multimodal Multilingual Website Understanding and Code Generation
Rabiul Awal, Mahsa Massoud, Aarash Feizi, Zichao Li, Suyuchen Wang, Christopher Pal, Aishwarya Agrawal, David Vazquez, **Siva Reddy**, Juan A. Rodriguez, Perouz Taslakian, Spandana Gella, Sai Rajeswar
EMNLP 2025.
- [C0] Exploiting Instruction-Following Retrievers for Malicious Information Retrieval
Parishad BehnamGhader, Nicholas Meade, **Siva Reddy**
ACL Findings 2025.
- [C0] Warmup Generations: A Task-Agnostic Approach for Guiding Sequence-to-Sequence Learning with Unsupervised Initial State Generation
Senyu Li, Zipeng Sun, Jiayi Wang, Xue Liu, Pontus Stenetorp, **Siva Reddy**, David Ifeoluwa Adelani
ACL 2025.
- [C0] Understanding the Influence of Synthetic Data for Text Embedders
Jacob Mitchell Springer, Vaibhav Adlakha, **Siva Reddy**, Aditi Raghunathan, Marius Mosbach
ACL Findings 2025.
- [C0] Language Models Largely Exhibit Human-like Constituent Ordering Preferences
Ada Tur, Gaurav Kamath, **Siva Reddy**
NAACL 2025. **SAC Paper Award**
- [C0] MMTEB: Massive Multilingual Text Embedding Benchmark
Kenneth Enevoldsen, ... (70+ authors), **Siva Reddy**, Niklas Muennighoff
ICLR 2025.
- [C0] BigDocs: An Open and Permissively-Licensed Dataset for Training Multimodal Models on Document and Code Tasks
Juan Rodriguez et al. (39 authors)
ICLR 2025.
- [C0] Benchmarking vision language models for cultural understanding
Shravan Nayak, Kanishk Jain, Rabiul Awal, **Siva Reddy**, Sjoerd van Steenkiste, Lisa Anne Hendricks, Karolina Stańczak, Aishwarya Agrawal
EMNLP 2024.
- [C0] Learning Action and Reasoning-Centric Image Editing from Videos and Simulations
Benno Krojer, Dheeraj Vattikonda, Luis Lara, Varun Jampani, Eva Portelance, Christopher Pal, **Siva Reddy**
NeurIPS (Spotlight) Datasets & Benchmarks 2024.
- [C0] LLM2Vec: Large Language Models Are Secretly Powerful Text Encoders
Parishad BehnamGhader, Vaibhav Adlakha, Marius Mosbach, Dzmitry Bahdanau, Nicolas Chapados, **Siva Reddy**
COLM 2024. **Three million+ downloads on HuggingFace**
- [C0] Are self-explanations from Large Language Models faithful?
Andreas Madsen, Sarath Chandar, **Siva Reddy**
ACL Findings 2024.
- [C0] WebLINX: Real-World Website Navigation with Multi-Turn Dialogue
Xing Han Lu, Zdeněk Kasner, **Siva Reddy**
ICML 2024 (Spotlight). **1000+ Github stars**
- [C0] Faithfulness Measurable Masked Language Models
Andreas Madsen, **Siva Reddy**, Sarath Chandar
ICML 2024 (Spotlight).

- [C0] Evaluating In-Context Learning of Libraries for Code Generation
Arkil Patel, **Siva Reddy**, Dzmitry Bahdanau, Pradeep Dasigi
NAACL 2024.
- [C0] The Impact of Positional Encoding on Length Generalization in Transformers
Amirhossein Kazemnejad, Inkit Padhi, K. Ramamurthy, Payel Das, **Siva Reddy**
NeurIPS 2023.
- [C0] Are Diffusion Models Vision-And-Language Reasoners?
Benno Krojer, Elinor Poole-Dayana, Vikram S. Voleti, C. Pal, **Siva Reddy**
NeurIPS 2023.
- [C0] Syntactic Substitutability as Unsupervised Dependency Syntax
Jasper Jian, **Siva Reddy**
EMNLP 2023.
- [C0] MAGNIFICo: Evaluating the In-Context Learning Ability of Large Language Models to Generalize to Novel Interpretations
Arkil Patel, Satwik Bhattamishra, **Siva Reddy**, Dzmitry Bahdanau
EMNLP 2023.
- [C0] Can Retriever-Augmented Language Models Reason? The Blame Game Between the Retriever and the Language Model
Parishad BehnamGhader, Santiago Miret, **Siva Reddy**
EMNLP Findings 2023.
- [C0] Evaluating Dependencies in Fact Editing for Language Models: Specificity and Implication Awareness
Zichao Li, Ines Arous, **Siva Reddy**, Jackie Chi Kit Cheung
EMNLP Findings 2023.
- [C0] Using In-Context Learning to Improve Dialogue Safety
Nicholas Meade, Spandana Gella, Devamanyu Hazarika, Prakhar Gupta, Di Jin, **Siva Reddy**, Yang Liu, Dilek Z. Hakkani-Tür
EMNLP Findings 2023.
- [C0] Combining Parameter-efficient Modules for Task-level Generalisation
Edoardo M Ponti, Alessandro Sordani, Yoshua Bengio, **Siva Reddy**
EACL 2023.
- [C0] The StatCan Dialogue Dataset: Retrieving Data Tables through Conversations with Genuine Intents
Xing Han Lu, **Siva Reddy**, Harm de Vries
EACL 2023.
- [C0] On the Origin of Hallucinations in Conversational Models: Is it the Datasets or the Models?
Nouha Dziri, Sivan Milton, Mo Yu, Osmar Zaiane, **Siva Reddy**
NAACL 2022
- [C0] An Empirical Survey of the Effectiveness of Debiasing Techniques for Pre-Trained Language Models
Nicholas Meade, Elinor Poole-Dayana, **Siva Reddy**
ACL 2022
- [C0] Image Retrieval from Contextual Descriptions
Benno Krojer, Vaibhav Adlakha, Vibhav Vineet, Yash Goyal, Edoardo Ponti, **Siva Reddy**
ACL 2022
- [C0] Using Interactive Feedback to Improve the Accuracy and Explainability of Question Answering Systems Post-Deployment

Zichao Li, Prakhar Sharma, Xing Han Lu, Jackie CK Cheung, **Siva Reddy**
ACL Findings 2022

- [C0] Evaluating the faithfulness of importance measures in nlp by recursively masking allegedly important tokens and retraining
Andreas Madsen, Nicholas Meade, Vaibhav Adlakha, **Siva Reddy**
EMNLP Findings 2022.
- [C0] The Power of Prompt Tuning for Low-Resource Semantic Parsing
Nathan Schucher, **Siva Reddy**, Harm de Vries
ACL 2022
- [C0] Compositional generalization in dependency parsing
Emily Goodwin, **Siva Reddy**, Timothy J O'Donnell, Dzmitry Bahdanau
ACL 2022
- [C0] IGLUE: A Benchmark for Transfer Learning across Modalities, Tasks, and Languages
Emanuele Bugliarello, Fangyu Liu, Jonas Pfeiffer, **Siva Reddy**, Desmond Elliott, Edoardo Maria Ponti, Ivan Vulic
ICML 2022
- [C0] End-to-End Training of Multi-Document Reader and Retriever for Open-Domain Question Answering
Devendra Singh Sachan, **Siva Reddy**, William Hamilton, Chris Dyer, Dani Yogatama
NeurIPS 2021.
- [C0] Few-shot Question Generation for Personalized Feedback in Intelligent Tutoring Systems
Devang Kulshreshtha, Muhammad Shayan, Robert Belfer, **Siva Reddy**, Iulian Vlad Serban, Ekaterina Kochmar
PAIS'22: Prestigious Applications of Intelligent Systems 2022
- [C0] Back-Training excels Self-Training at Unsupervised Domain Adaptation of Question Generation and Passage Retrieval
Devang Kulshreshtha, Robert Belfer, Iulian Vlad Serban, **Siva Reddy**.
EMNLP 2021
- [C0] Mind the Context: The Impact of Contextualization in Neural Module Networks for Grounding Visual Referring Expressions.
Arjun Akula, Spandana Gella, Keze Wang, Song-Chun Zhu, **Siva Reddy**.
EMNLP 2021
- [C0] Visually Grounded Reasoning across Languages and Cultures
Fangyu Liu, Emanuele Bugliarello, Edoardo Maria Ponti, **Siva Reddy**, Nigel Collier, Desmond Elliott.
EMNLP 2021 **Best Paper Award**
- [C0] StereoSet: Measuring stereotypical bias in pretrained language models
Moin Nadeem, Anna Bethke, **Siva Reddy**.
ACL 2021. **VentureBeat AI Innovation of the year award**
- [C0] Minimax and Neyman-Pearson Meta-Learning for Outlier Languages.
Edoardo Maria Ponti, Rahul Aralikkatte, Disha Shrivastava, **Siva Reddy** and Anders Søgaard.
ACL Findings 2021.
- [C0] Explicitly Modeling Syntax in Language Models with Incremental Parsing and a Dynamic Oracle
Yikang Shen, Shawn Tan, Alessandro Sordoni, **Siva Reddy**, Aaron Courville.
NAACL 2021

- [C0] Understanding by Understanding Not: Modeling Negation in Language Models.
Arian Hosseini, **Siva Reddy**, Dzmitry Bahdanau, R Devon Hjelm, Alessandro Sordani, Aaron Courville.
NAACL 2021
- [C0] Learning Improvised Chatbots from Adversarial Modifications of Natural Language Feedback.
Makesh Narsimhan, Ryan Ni, **Siva Reddy**.
EMNLP Findings, 2020.
- [C0] Words aren't enough, their order matters: On the Robustness of Grounding Visual Referring Expressions.
Arjun Akula, Spandana Gella, Yaser Al-Onaizan, Song-Chun Zhu, **Siva Reddy**.
ACL, 2020.
- [C0] Measuring Systematic Generalization in Neural Proof Generation with Transformers.
Nicolas Gontier, Koustuv Sinha, **Siva Reddy**, Chris Pal.
NeurIPS, 2020.
- [C0] Learning Typed Entailment Graphs with Global Soft Constraints.
Mohammad Hosseini, Nathanael Chambers, **Siva Reddy**, Xavier Holt, Shay Cohen, Mark Johnson, Mark Steedman.
TACL, 2018.
- [C0] Universal Semantic Parsing.
Siva Reddy, Oscar Täckström, Slav Petrov, Mark Steedman, Mirella Lapata.
EMNLP, 2017.
- [C0] Learning to Paraphrase for Question Answering.
Li Dong, Jonathan Mallinson, **Siva Reddy**, Mirella Lapata.
EMNLP, 2017.
- [C0] Learning Structured Natural Language Representations for Semantic Parsing.
Jianpeng Cheng, **Siva Reddy**, Vijay Saraswat, Mirella Lapata.
ACL, 2017.
- [C0] Question Answering on Knowledge Bases and Text using Universal Schema and Memory Networks.
Rajarshi Das, Manzil Zaheer, **Siva Reddy**, Andrew McCallum.
ACL, 2017.
- [C0] Predicting Target Language CCG Supertags Improves Neural Machine Translation.
Maria Nadejde, **Siva Reddy**, Rico Sennrich, Tomasz Dwojak, Marcin Junczys-Dowmunt, Philipp Koehn, Alexandra Birch.
Conference on Machine Translation, 2017.
- [C0] Question Answering on Freebase via Relation Extraction and Textual Evidence.
Kun Xu, **Siva Reddy**, Yansong Feng, Songfang Huang, Dongyan Zhao.
ACL, 2016.
- [C0] Evaluating Induced CCG Parsers on Grounded Semantic Parsing.
Yonatan Bisk*, **Siva Reddy***, John Blitzer, Julia Hockenmaier, Mark Steedman.
EMNLP, 2016.
- [C0] Assessing Relative Sentence Complexity using an Incremental CCG Parser.
Bharat Ram Ambati, **Siva Reddy**, Mark Steedman.
NAACL, 2016.
- [C0] Paraphrase Generation from Latent-Variable PCFGs for Semantic Parsing.
Shashi Narayan, **Siva Reddy**, Shay B. Cohen.
International Natural Language Generation Conference, 2016.

- [C0] Semantic Word Sketches.
Diana McCarthy, Adam Kilgarrieff, Milos Jakubícek, **Siva Reddy**.
Corpus Linguistics, 2015.
- [C0] Word Sketches for Turkish.
Bharat Ram Ambati, **Siva Reddy**, Adam Kilgarrieff.
LREC, 2012.
- [C0] Dynamic and Static Prototype Vectors for Semantic Composition.
Siva Reddy, Ioannis P. Klapaftis, Diana McCarthy, Suresh Manandhar
IJCNLP, 2011, **Best Paper Award**.
- [C0] An Empirical Study on Compositionality in Compound Nouns.
Siva Reddy, Diana McCarthy, Suresh Manandhar.
IJCNLP, 2011.
- [C0] A corpus factory for many languages.
Adam Kilgarrieff, **Siva Reddy**, Jan Pomikálek, Avinesh PVS.
LREC, 2010.
- [C0] Hindi semantic category labeling using semantic relatedness measures.
Siva Reddy, Abhilash Inumella, Navjyoti Singh, Rajeev Sangal.
Global WordNet Conference, 2010.
- [C0] All Words Unsupervised Semantic Category Labeling for Hindi.
Siva Reddy, Abhilash Inumella, Rajeev Sangal, Soma Paul.
RANLP, 2009.

**Workshop
Publications**

- [W67] Societal Alignment Frameworks Can Improve LLM Alignment
Karolina Stańczak, Nicholas Meade, Mehar Bhatia, Hao Zhou, Konstantin Böttinger,
Jeremy Barnes, Jack Stanley, **Siva Reddy**
Bi-Align Workshop, ICLR 2025
- [W66] How to Get Your LLM to Generate Challenging Problems for Evaluation
Arkil Patel, **Siva Reddy**, Dzmitry Bahdanau
LLM-eval Workshop, NeurIPS 2025
- [W65] In-Context Learning for Text Classification with Many Labels
Aristides Milios, **Siva Reddy**, Dzmitry Bahdanau
GenBench Workshop, EMNLP 2023
- [W64] MeDAL: Medical Abbreviation Disambiguation Dataset for Natural Language Under-
standing Pretraining
Zhi Wen, Xing Han Lu, **Siva Reddy**
Clinical NLP workshop, EMNLP 2020
- [W63] Multilingual Parsing from Raw Text to Universal Dependencies
Daniel Zeman et al.
CoNLL 2017 Shared Task, 2017
- [W62] Universal Dependencies to Logical Forms with Negation Scope.
Federico Fancellu, **Siva Reddy**, Adam Lopez and Bonnie Webber.
EACL — Workshop on Computational Semantics Beyond Events and Roles, 2017.
- [W61] DNN-based Speech Synthesis for Indian Languages from ASCII text.
Srikanth Ronanki, **Siva Reddy**, Bajibabu Bollepalli, Simon King.
Speech Synthesis Workshop, 2016.
- [W60] Feed Corpus : An Ever Growing Up-To-Date Corpus.
Akshay Minocha, **Siva Reddy**, Adam Kilgarrieff.
Web as Corpus Workshop, 2013.

- [W59] DSS: text similarity using lexical alignments of form, distributional semantics and grammatical relations.
Diana McCarthy, Spandana Gella, **Siva Reddy**.
SemEval, 2012.
- [W58] Cross Language POS Taggers (and other Tools) for Indian Languages: An Experiment with Kannada using Telugu Resources.
Siva Reddy, Serge Sharoff.
IJCNLP — Cross Lingual Information Access Workshop, 2011.
- [W57] Exemplar-based Word-Space Model for Compositionality Detection: Shared task system description.
Siva Reddy, Diana McCarthy, Suresh Manandhar, Spandana Gella.
ACL — Distributional Semantics and Compositionality Workshop, 2011.
- [W56] IIITH: Domain specific word sense disambiguation.
Siva Reddy, Abhilash Inumella, Diana McCarthy, Mark Stevenson.
SemEval, 2010.
- [W55] WSD as a distributed constraint optimization problem.
Siva Reddy, Abhilash Inumella.
ACL Student Research Workshop, 2010.

**Preprints/
Technical
Reports**

- [T13] Value Drifts: Tracing Value Alignment During LLM Post-Training
Mehar Bhatia, Shravan Nayak, Gaurav Kamath, Marius Mosbach, Karolina Stańczak, Vered Shwartz, **Siva Reddy**
arXiv, 2025
- [T12] Position: Build the web for agents, not agents for the web
Xing Han Lù, Gaurav Kamath, Marius Mosbach, **Siva Reddy**
arXiv, 2025
- [T11] Uncertainty Quantification of Large Language Models using Approximate Bayesian Computation
Mashrur Sharma, Arkil Patel, Zaeem De Souza, Seyed Amir Rahimi, **Siva Reddy**, Sreenath Madathil
arXiv, 2025
- [T10] ReTreever: Tree-based Coarse-to-Fine Representations for Retrieval
Shubham Gupta, Zichao Li, Tianyi Chen, Cem Subakan, **Siva Reddy**, Perouz Taslakian, Valentina Zantedeschi
arXiv, 2025
- [T9] A Compositional Typed Semantics for Universal Dependencies
Laurestine Bradford, Timothy O'Donnell, **Siva Reddy**
arXiv:2403.01187, 2024
- [T8] When Word Order Matters: Unraveling Redundancy and Sequence Sensitivity In Language Models Through Information Theory
Xuanda Chen, **Siva Reddy**, Timothy O'Donnell
arXiv:2402.18838, 2024
- [T7] Rosa: Random subspace adaptation for efficient fine-tuning
Marawan Hameed, Aristides Milios, **Siva Reddy**, Guillaume Rabusseau
arXiv:2407.07802, 2024
- [T6] Modelling Latent Translations for Cross-Lingual Transfer
Edoardo Maria Ponti, Julia Kreutzer, Ivan Vulic, **Siva Reddy**.
arXiv:2107.11353, 2021.

[T5] A Data Elicitation Framework for Semantic Parsing.
 Jianpeng Cheng, **Siva Reddy**, Mirella Lapata.
arXiv:1812.10037, 2018.

Teaching	Instructor, Natural Language Understanding with Deep Learning, McGill	F2025
	Instructor, Graduate School Fundamentals, McGill	W2025
	Instructor, From Natural Language to Data Science, McGill	W2025
	Instructor, Large Language Models, McGill	F2024
	Instructor, From Natural Language to Data Science, McGill	W2024
	Instructor, Natural Language Understanding with Deep Learning, McGill	W2024
	Instructor, From Natural Language to Data Science, McGill	W2023
	Instructor, Natural Language Understanding with Deep Learning, McGill	F2022
	Instructor, Natural Language Understanding with Deep Learning, McGill	W2022
	Instructor, From Natural Language to Data Science, McGill	F2021
	Instructor, Natural Language Understanding with Deep Learning, McGill	W2021
	Instructor, From Natural Language to Data Science, McGill	F2020
	Instructor, Natural Language Understanding with Deep Learning, McGill	W2020
	Advisor, Independent Project, COMP 396	F2024
	Advisor, Independent Project, LING 488	F2024
	Advisor, Independent Project, COMP 400	F2022
	Advisor, Independent Project, LING 488	F2021
	Advisor, Honors Project, LING 480	2021–2022
	Advisor, Honors Project, COGS 444,	2021–2022
	Advisor, Independent Project, COMP 400	W2021
	Non-McGill:	
	Retrieval-Augmented Generation, IVADO NLP workshop series	Apr 2024
	Question Answering, IVADO NLP workshop series	Apr 2023
	IVADO NLP course	Oct 2021
	AI4Good Summer School	June 2022
	From document to excerpt, IVADO NLP workshop series	Oct 2021
	RNNs for NLP, AI4Good Summer School	June 2021
	RNNs for NLP, AI4Good Summer School	June 2020
Panels	Panel on AI Safety	July 2025
	AI Safety Social at ICML 2025	
	Panelists: David Duvenaud, Aditi Raghunathan, Siva Reddy	
	The Future of AI Safety	April 2025
	Simons Workshop: Safety Guaranteed LLMs	
	Panelists: Yoshua Bengio, Roger Grosse, Geoffrey Irving, Siva Reddy (moderator), Dawn Song	
	Mila Panel on Safe and aligned AI	Oct 2024
	Panelists: Yoshua Bengio, Aaron Courville, Tegan Maharaj, Chris Pal (moderator), Siva Reddy, Dhanya Sridhar.	
	Mila Lunch and Learn: Challenges faced by new faculty members.	Sep 2024
	Panelists: Golnoosh Farnadi, Simon Lacoste-Julien, Joelle Pineau, Siva Reddy, Dhanya Sridhar (moderator)	

	Fireside Chat on LLMs: Opportunities and Risks Schulich Leaders SLXCA event, McGill	Sep 2024
	McGill Homecoming Panel: Language diversity and digital inclusion Panelists: Carola Weil (moderator), María Sierra Córdoba Serrano, Michael David Miller, Cecily Raynor, Siva Reddy School of Continuing Studies	Oct 2024
	EduGenAI Panel: Artificial Intelligence in Research Panelists: Golnoosh Farnadi (moderator), Nikki Lobczowski, Siva Reddy, Gabriel Vigliensoni	May 2024
	McGill Homecoming Panel: AI in Education Panelists: Eric D. Kolaczyk, Joelle Pineau, Doina Precup, Siva Reddy Faculty of Science	Oct 2023
	LingCon Computational Linguistics Conference for High Schoolers Panelists: Margaret Mitchell, Siva Reddy, Jakob Uszkoreit Fremont, California	Nov 2017
Media	If Chat-GPT told you that you created a new kind of math Let's Go, CBC Radio.	Sep 2025
	Metacognition and Related Abilities of Large Language Models Simons Institute for the Theory of Computing Blog.	Aug 2025
	What vision AI could be used for in the future Marketplace Podcast.	Aug 2025
	AI generates harsher punishments for people who use Black dialect Science News	Sep 2024
	Trois risques concrets des modèles de langage La Presse	Apr 2024
	AI supercomputer in Canada CBC interview.	Jan 2024
	The Art of (AI) Conversation CIFAR.	Dec 2019
	Training a single AI model can emit as much carbon as five car lifetimes MIT Technology review.	Jun 2019
	The good, the bad, and the ugly of leaderboards and science AI2 NLP Highlights Podcast	Nov 20 2018
Invited Talks	Value Drifts: Tracing Value Alignment During LLM Post-Training IVADO Workshop on Deploying Autonomous Agents: Lessons, Risks, and Real-World Impact	Nov 2025
	The state of web agents IVADO Bootcamp on Agents	Aug 2025

The Path to Scalable and Safe Web Agents Research on Agent Language Models (REALM) at ACL 2025	July 2025
Linguistics from First Principles and LLMs Dagstuhl Seminar on Linguistics and Language Models	July 2025
Don't Take LLM Fundamentals for Granted New In ML at ICML 2025	July 2025
Data-efficient Training and Reasoning in MLMs and LLMs CIFAR AICan, Ste-Adèle	June 2025
Jailbreaking Aligned Models, Reasoning Models and Agents Simons Workshop: Safety Guaranteed LLMs Singapore Alignment Workshop	April 2025 April 2025
DeepSeek-R1 Thoughtology: <Thinking> about LLM Reasoning Simons Workshop: The Future of Language Models and Transformers Mila Partners Symposium	Mar 2025 Jun 2025
Learning to Reason with Generative Models University of Waterloo UBC Future of NLP Workshop	Dec 2024 Dec 2024
Paradoxes in Transformer Language Models: Causal Masking, Positional Encoding, and Routing CIFAR AICan, Banff UNC Chapel Hill New York University	June 2024 Mar 2024 Feb 2024
ChatGPT, is natural language understanding solved? McGill Faculty of Science, Soup and Science	Feb 2024
Holistic Evaluation of Language Models for Information Seeking SemEval workshop, ACL 2023	July 2023
Do we still need inductive biases after Transformer language models? Structured Prediction for NLP, ACL 2022 ENLSP workshop, NeurIPS 2022	May 2022 Dec 2022
How grounded is document-grounded conversational AI? DialDoc Workshop, ACL 2022 Mila Partners Symposium	May 2022 June 2022
Robustness of Neural Language Models to Language, Social and Cultural Complexity Qatar Computing Research Institute University of Dusseldorf George Mason University	Dec 2021 2021 2021
Unlikelihood-training and Back-training for robust natural language understanding AKBC 2021 Cambridge University Samsung AI Centre, Toronto	2021 2021 July 2021

Challenges in building Natural Language Interfaces Mila TechAide, Montreal	Apr 2021
Pathological Behaviours of Large Neural Models of Language Uppsala University Mila Tea Talk National Research Council of Canada	Mar 2021 Nov 2020 Oct 2020
Measuring societal biases in pretrained language models Montreal NLP Consortium	Nov 2020
Building computers that understand and interact in human language McGill Faculty of Science, Soup and Science	July 2020
Interacting with machines in natural language Carnegie Mellon University University of California, Irvine University of Pennsylvania, Philadelphia	Mar 2019 Mar 2019 Mar 2019
CoQA: A Conversational Question Answering Challenge Uber ConvAI Symposium BayArea NLP & ML Meetup Facebook AI Research Massachusetts Institute of Technology University of California Los Angeles ISI, University of Southern California University of California Irvine Google Assistant and Dialog Workshop	Nov 28 2018 Oct 24 2018 Oct 19 2018 Oct 18 2018 Oct 05 2018 Oct 04 2018 Oct 03 2018 Jun 26 2018
From Natural Language to Machine Interpretable Representations University of Cambridge	Mar 16 2018
The State of Natural Language Understanding: Past, Present and Future AI Assistant Summit San Francisco	Jan 25 2018
Linguists-defined vs. Machine-induced Natural Language Structures for Executable Semantic Parsing University of California Berkeley	Oct 09 2017
Linguists-defined and Machine-induced Representations for Semantic Parsing University of Cambridge	Jun 15 2017
Towards a Compositional Typed Semantics for Universal Dependencies Technical University of Darmstadt University of Washington Microsoft Research Redmond Stanford University	Nov 23 2016 Sep 09 2016 Sep 08 2016 Aug 26 2016
Semantic Parsing with and without Question-Answer Pairs University of Amsterdam Google Research NYC University of Massachusetts Amherst Allen Institute of Artificial Intelligence	Nov 21 2016 Sep 19 2016 Sep 16 2016 Sep 07 2016

Current Supervision Activities

- **Postdoc:**
 - Marius Mosbach (PhD at Saarland University; since Apr 2024)
 - Verna Dankers (PhD at University of Edinburgh; since June 2025)
- **PhD students:**
 - Vaibhav Adlakha (Computer Science, since Sep 2020)
 - Nicholas Meade (Computer Science, since Sep 2020)
 - Zichao Li (Computer Science, since Sep 2020; co-advised with Jackie Cheung)
 - Benno Krojer (Computer Science, since June 2021)
 - Xing Han Lu (Computer Science, since Sep 2021)
 - Parishad BehnamGhader (Computer Science, since Jan 2022)
 - Gaurav Kamath (Linguistics, since June 2022)
 - Arkil Patel (Computer Science, since Sep 2022; co-advised with Dzmitry Bahdanau)
 - Mehar Bhatia (Computer Science, since Sep 2024; co-advised with Vered Shwartz)
 - Aditi Khandelwal (Computer Science, since Sep 2024; co-advised with Golnoosh Farnadi)
 - Austin Kraft (Linguistics Eval 2 project, since May 2025)
- **MSc:**
 - Jay Gala (Computer Science, Sep 2025; co-advised with Dzmitry Bahdanau)
 - Fengyuan Liu (Computer Science, Sep 2025; co-advised with Dzmitry Bahdanau)
 - Sreenath Madathil (Computer Science, Sep 2025)
- **Undergrad:**
 - Ada Tur (Computer Science and Linguistics, since May 2024)
- **Research Assitants:**
 - Amirhossein Kazemnejad (Mila, since Dec 2023)
 - Hadia Samil (Mila, since Sep 2024)
- **Interns:**
 - Dongchan Shin (Mila, since Apr 2025)
 - Hanseok Oh (Mila, since Sep 2025)
 - Imene Kerboua (Mila, since Aug 2025)
 - Charbel El Feghali (Mila, since Sep 2025)

Past Supervision Activities (Alumni)

- **Postdoc:**
 - Edoardo Ponti (PhD at Cambridge University; Sep 2020 – July 2022) → Lecturer (Assistant Professor) at School of Informatics, University of Edinburgh
 - Eva Portelance (PhD at Stanford University; Jan 2023 – Aug 2024; co-advised with Timothy O'Donnell) → Assistant Professor at HEC Montreal
 - Karolina Stańczak (PhD at University of Copenhagen; Apr 2024 – Mar 2025) → Postdoctoral Researcher at the ETH AI Center.
- **PhD:**
 - Andreas Madsen (Computer Science, Sep 2020 – Dec 2024; co-supervised with Sarath Chandar) → Founding Research Scientist at Guide Labs, San Francisco.
- **MSc/MA students:**
 - Nathan Schucher (MSc Computer Science, Sep 2020 – Dec 2022) → Google

DeepMind

- Devang Kulshreshtha (MSc Computer Science, Sep 2020 – June 2022) → Amazon AWS AI Applied Scientist
- Emily Goodwin (MA Linguistics, Jan 2020 – May 2021; co-supervised with Timothy O'Donnell) → PhD at Stanford University
- Clemencia Siro (Remote Thesis Supervision for the African Masters of Machine Intelligence, July 2020 – July 2021) → PhD at Informatics Institute, University of Amsterdam Computer Science
- Amirhossein Kazemnejad (Computer Science, Jan 2021 – Sep 2023 → RA in my group)
- Aristides Milios (Computer Science, since Sep 2021 – Dec 2023; co-advised with Dzmitry Bahdanau) → PhD at Polytechnique Montréal
- **Undergrad students:**
 - Jasper Jian (NSERC SURF Computer Science, Apr 2022 – May 2023) → PhD at Stanford University
 - Sivan Milton (Honors Linguistics, since Apr 2021) → PhD at Edinburgh University
 - Elinor Poole-Dayana (Fall 2022; Winter 2021/23) → Masters at MIT Media Lab
 - Neshma Metri (Honors Cognitive Science, Sep 2021 – Apr 2022) → Data Analyst, Invera
 - Michelle Yang (Linguistics, Independent Project; Sep 2021 – Dec 2021; co-supervised with Morgan Sonderegger) → Back to McGill
 - Nooshin Soheililangroodi (Computer Science, Sep 2024 – Dec 2024) → Back to McGill
- **Interns/Visiting Researchers:**
 - Sara Marjanović (visiting PhD student from the University of Copenhagen, Feb 2025 – May 2025)
 - Aravind Krishnan (visiting MSc student from Saarland University, Oct 2024 – Jan 2025)
 - Alejandra Zambrano (visiting PhD student from the Concordia University, Sep 2024 – Feb 2025)
 - Zdeněk Kasner (visiting PhD student from Charles University, Feb 2023 – May 2023)
 - Xuanda Chen (McGill Linguistics Eval 2, Sep 2023 – Apr 2024; co-advised with Tim O'Donnell)
 - Laurestine Bradford (McGill Linguistics Eval 1, Jan 2023 – Aug 2023; co-advised with Tim O'Donnell)
 - Nouha Dziri (visiting PhD student from Alberta, 2021 – 2022) → Postdoc at AI2
 - Emanuele Bugliarello (visiting PhD student from Copenhagen from Dec 2021 – May 2022) → Google DeepMind Internship
 - Victor Prokhorov (visiting PhD student from Cambridge from Aug 2021 – Dec 2021 → Back to University of Cambridge)
 - Lucas Torroba Hennigen (Internship from Oct 2020 – Jul 2021) → PhD at MIT Computer Science
 - Arjun Akula (remote PhD student at UCLA from Oct 2019 – Apr 2021) → Google Research, LA
 - Moin Nadeem (remote undergraduate student at MIT from Oct 2019 – Apr 2020) → Back to MIT

**Students/Postdocs
with Fellowships**

- Austin Kraft, Vanier Scholar (2025–2028; CAD \$150,000)
- Arkil Patel, NSERC CGS D scholarship (2025–2028; CAD \$120,000)
- Mehar Bhatia, FRQNT doctoral scholarship (2025–2028; CAD \$100,000)
- Benno Krojer, Vanier Scholar (2023–2026; CAD \$150,000)
- Nicholas Meade, NSERC CGS D scholarship (2023–2026; CAD \$120,000)
- Xing Han Lu, NSERC CGS D scholarship (2023–2026; CAD \$120,000)
- Arkil Patel, NSERC CGS Masters scholarship (2023; CAD \$17,500);
- Gaurav Kamath, FRQSC doctoral scholarship (2023–2027; CAD \$84,000)
- Laurestine Bradford, FRQSC doctoral scholarship (2023–2027; CAD \$84,000)
- Parishad BehnamGhader, Mila EDI Excellence scholarship (2022-2024; CAD \$10000)
- Edoardo Ponti, IVADO postdoctoral fellowship 2022 (CAD \$70,000)
- Aristides Milios, NSERC CGS Masters (2021; CAD \$17,500); McGill Trottier (2021; CAD \$5000); IVADO MSc excellence scholarship (2022-2023; CAD \$20,000)
- Laurestine Bradford, CRBLM (2022; CAD \$6000)
- Xing Han Lu, IVADO MSc excellence scholarship (2021-2023; CAD \$40,000); Quebec Hydro Fellowship (2021; CAD \$10,000)
- Nicholas Meade, IVADO MSc excellence scholarship (2020-2022; CAD \$40,000)

**Academic
Service****Local Chair**
COLM 2025**Program Chair**

IVADO Fall 2025 Thematic Semester on Autonomous Agents

People: Siva Reddy (PC), Yoshua Bengio (PC), Dawn Song, Yu Su , Alane Suhr, Victor Zhong, and Christopher Pal

Action Editor:

TACL Journal (2025 – current)

ACL Rolling Review (2021 – current)

Ethics Chair

COLM 2024

Tutorial Chair

ACL 2023

Senior Area Chair

EMNLP 2024

NAACL 2022

Area Chair:

EACL 2023

EMNLP 2022

AKBC 2022

EMNLP 2021

NAACL 2021

EMNLP 2020

ACL 2020

ACL 2019

AKBC 2019

CoNLL 2018

Student research workshop: Faculty advisors

ACL 2022

Organizer

Workshop: Capabilities and Safety of Agents, Oct 2025, IVADO

Bootcamp: Focusing on the Current State of Agents, Aug 2025, IVADO

Safety-Guaranteed LLMs, Simons Institute, UC Berkeley, 2025

Workshop on Vision Language Models For All, CVPR, 2025

Simons and IVADO Montreal Joint Program on LLMs and Agents, 2025

Bellairs workshop on Risks of Large Language Models, Mar 2024

Birds of Feather Session, ACL 2021

Document-grounded Dialogue and Conversational QA, ACL 2021

Structured and Unstructured KBs, AKBC 2020

Birds of Feather Session, ACL 2020

Deep Generative Models for Highly Structured Data, ICLR 2019

Stanford NLP Seminar Series, Jul 2017 – Aug 2018

Machine Learning for NLP Reading Group, Dec 2013 - Jun 2014

Program Committee Member:

SustaiNLP, EMNLP 2020

IntEx-SemPar, Interactive and Executable Semantic Parsing, EMNLP 2020

Natural Language Interfaces, ACL 2020

RepL4NLP, ACL 2020

MRQA: Machine Reading for Question Answering, EMNLP 2019

Machine Reading for Question Answering, ACL 2018

New Forms of Generalization in Deep Learning and NLP, NAACL 2018

Universal Dependencies, EMNLP 2018

Ethics in NLP, NAACL 2018

Knowledge Base Construction, Reasoning and Mining, WSDM 2018

Automated Knowledge Base Construction, NIPS 2017

Language Grounding for Robotics, ACL 2017

Representation Learning for NLP, ACL 2017

Universal Dependencies, NoDaLiDa 2017

Sense, Concept and Entity Representations and their Applications, EACL 2017

Ethics in NLP, EACL 2017

Web as Corpus, ACL 2016

Vector Space Modeling for NLP, NAACL 2015

Semantic Parsing, ACL 2014

Reviewer

NeurIPS 2025

ICLR 2025

TACL Journal (2021 – 2024)

ACL Rolling Review (2021 – current)

SCiL 2022,

ACM Computing Surveys Journal 2022

Regular reviewer of ACL, EMNLP, NAACL, EACL conferences until ARR in 2021

AKBC 2021

ICLR 2021

ICML 2019

AAAI 2018

Leader:

NLP Axis Leader for IVADO Apogee Canada Research Excellence for Robust, Intelligent and Responsible Artificial Intelligence, 2024-2026

**Grant Agencies
Reviewing**

CIFAR Catalyst Grants in AI Safety, 2025
 Canada Research Chair, 2025
 Ivado-Simons Travel Grants, 2025
 NSERC Discovery Grant, 2024
 NSERC Discovery Grant, 2023
 NSERC Discovery Grant, 2021
 Dutch Research Council, 2022
 Israel Science Foundation, 2024
 Israel Science Foundation, 2022
 Israel Science Foundation, 2020
 Canada Foundation for Innovation, 2024
 Canada Foundation for Innovation, 2023
 Canada Foundation for Innovation, 2020
 MITACS Accelerate, 2022
 MITACS Accelerate, 2021
 MITACS Accelerate, 2020
 IVADO PhD Excellence Scholarships, 2021
 IVADO PhD Excellence Scholarships, 2020

Other Service

Pan-Canadian AI Strategy National Program Committee	2022–2023
McGill Faculty of Arts Nominating Committee	2023–current
McGill Faculty of Arts EDI Committee Member,	Fall 2023
McGill SOCS PhD Committee	
McGill SOCS Faculty Hiring Committee (2 positions)	2022–2023
McGill SOCS Faculty Hiring Committee	2021–2022
McGill SOCS AI/ML/Data Science Committee	2022–2025
McGill SOCS EDI Committee member	2021–2024
McGill SOCS PhD Committee	
McGill Linguistics EDI Committee member	2022–2023
McGill Linguistics Ombudsman Selection Committee	Fall 2022
McGill Linguistics Graduate Students Admissions	2020–2025
Co-director, McGill-NLP	2020–current
Active member, cliq.ai (Computational Linguistics in Quebec) Consortium	2024–current
Mila Infrastructure and Data Team (IDT)	2023–current
Mila Core Faculty Committee	2020–current
Mila Paper Swap	2020–2021

**Final Thesis
Examiner****PhD**

Jonathan Pilault, Polytechnique Montréal, 2025
 Oscar Mañas, Université de Montréal, 2025
 Clemencia Siro, University of Amsterdam, 2025
 Lin Sheng-Chieh, University of Waterloo, 2024
 Karin Sevegnani, Heriot-Watt University, 2023

Lucas Caccia, McGill University, 2023
Haji Mohammad Saleem, McGill University, 2021
Ali Emmani, McGill University, 2021
Inigo Lopez-Gazpio, University of the Basque Country, 2018

Masters

Yash More, McGill University, 2025
Shun Shao, University of Edinburgh, UK, 2023
Avinash Bhat, McGill University, 2023
Jingyi He, McGill University, 2022
Dora Jambor, McGill University, 2022
Zhi Wen, McGill University, 2021
Alika Utepova, McGill University, 2020
Jin Dong, McGill University, 2020
Matthew Grenander, McGill University, 2020

Thesis Committee PhD

Soumya Sharma, PhD Committee Member, McGill University, 2025
Damaris Stephanie Ndjebayi, PhD Committee Member, McGill University, 2025
Senyu Li, PhD Committee Member, McGill University, 2025
Le Zhang, Predoc Examiner, Université de Montréal, 2025
Marawan Gamal, Predoc Examiner, Université de Montréal, 2024
Arjun Vaithalingam, PhD Comprehensive and Predoc Exam, Polytechnique, 2024
Zachary Yang, PhD Thesis Proposal Examiner, McGill University, 2024
Khaoula Chehbouni, PhD Committee Member, McGill University, 2024
Esmail Moghiseh, PhD Defense Committee Member, McGill University
Oscar Manas, Predoc Examiner, Université de Montréal, 2023
Maziar Sargordi, PhD Proposal Examiner, Polytechnique Montreal, 2023
Kellin Pelrine, PhD Committee Member, McGill University, 2023
Ian Porada, PhD Proposal Examiner, McGill University, 2023
Yang Ji, Pro-dean, McGill University, 2023
Saeed Najafi, PhD Committee Member, University of Alberta, 2022
Koustuv Sinha, PhD Committee Member, McGill University, 2022
Alexander Krolik, Pro-dean, McGill University, 2022
Kushal Arora, PhD Committee Member, McGill University, 2021
Jiang Bing'er, PhD Defense Chair, McGill University, 2021
Alexander Krolik, PhD Defense Chair, McGill University, 2020