Adrian Brasoveanu

CONTACT INFORMATION	Linguistics [Stevenson Acad. Services] UC Santa Cruz 1156 High St. Santa Cruz, CA 95064 *e-mail:* abrsvn@ucsc.edu	*www:* https://people.ucsc.edu/~abrsvn/ *github:* https://github.com/abrsvn *linkedin:* https://www.linkedin.com/in/adrian-brasoveanu-241035160/ *twitter:* https://twitter.com/abrsvn *youtube:* https://www.youtube.com/channel/UCHX0bBA_UDDtbE93ljB_zew

RESEARCH INTERESTS

semantics, computational psycholinguistics, pragmatics, data science, machine learning

EMPLOYMENT

Professor of Linguistics	2016–
Associate Campus Provost	2021 (July)–
Affiliated Faculty, Center for Statistical Analysis in the Social Sciences	2012–
UC Santa Cruz	
Associate Professor of Linguistics	2012–2016
UC Santa Cruz	
Assistant Professor of Linguistics	2008–2012
UC Santa Cruz	
Humanities Postdoctoral Fellow & Lecturer of Linguistics	2007–2008
Stanford University	
Visiting Assistant Professor of Linguistics	2007 (Winter, Spring)
UC Santa Cruz	

EDUCATION

PhD, Linguistics with a Cognitive Science Certificate — 2007 (January)
Rutgers University

> Dissertation: *Structured Nominal and Modal Reference*
> Committee: Maria Bittner, Hans Kamp, Roger Schwarzschild and Matthew Stone

MA, Theoretical Linguistics — 2001
University of Bucharest

BA, Philosophy — 1999
University of Bucharest

BOOKS

[1] **2020** *Computational Cognitive Modeling and Linguistic Theory*. Coauthored with Jakub Dotlačil. Vol. 6 in the *Language, Cognition, and Mind (LCAM)* series, Springer. OPEN ACCESS link:
https://link.springer.com/book/10.1007/978-3-030-31846-8

EDITED VOLUMES

[1] **2018** *Hana-bana: A Festschrift for Junko Ito and Armin Mester*, coeditor

JOURNAL ARTICLES

[1] **2021.** Reinforcement Learning for Production-based Cognitive Models. Coauthored with Jakub Dotlačil. In *TopiCS (Topics in Cognitive Science)*

[2] **2021.** The Representation and Processing of Distributivity and Collectivity: Ambiguity vs. Underspecification. Coauthored with Jakub Dotlačil. In *Glossa* 6(1):6, 1–22

[3] **2019.** An Experimental Investigation of the Scope of Object Comparative Quantifier Phrases. Coauthored with Kristen Syrett. In *Journal of Semantics*.

[4] **2018.** Expressing ignorance in Japanese: contrastive *wa* vs. *sukunakutomo*. Coauthored with Hitomi Hirayama. In *Journal of Cognitive Science* 19:3, 331-355

[5] **2017.** Evaluativity Across Adjective and Construction Types: An Experimental Study. Coauthored with Jessica Rett. In *Journal of Linguistics* 54:2, 263-329

[6] **2015.** Strategies for Scope Taking. Coauthored with Jakub Dotlačil. In *Natural Language Semantics* 23, 1-19

[7] **2015.** Sentence-internal *Same* and Its Quantificational Licensors: A New Window into the Processing of Inverse Scope. Coauthored with Jakub Dotlačil. In *Semantics and Pragmatics* 8, 1-52

[8] **2015.** The Manner and Time Course of Updating Quantifier Scope Representations in Discourse. Coauthored with Jakub Dotlačil. In *Language, Cognition and Neuroscience* (formerly *Language and Cognitive Processes*) 30:3, 305-323

[9] **2015.** At-issue Proposals and Appositive Impositions in Discourse. Coauthored with Scott AnderBois & Robert Henderson. *Journal of Semantics* 32, 93-138

[10] **2014.** Question Tags and Sentential Negativity. Coauthored with Karen De Clercq, Donka F. Farkas and Floris Roelofsen. In *Lingua* 145, 173-193

[11] **2013.** A Typology of Specificity. Coauthored with Donka F. Farkas. To appear in *Revue Roumaine de Linguistique* LVIII, issue associated with the *Workshop on the Syntax and Interpretation of Specificity* (Bucharest University 2012), 355-369

[12] **2013.** N-words and Sentential Negation: Evidence from Polarity Particles and VP Ellipsis. Coauthored with Donka F. Farkas and Floris Roelofsen. *Semantics and Pragmatics* 6, 1-33.

[13] **2013.** Modified Numerals as Post-suppositions. *Journal of Semantics* 30, 155-209.

[14] **2013.** The grammar of Quantification and the Fine Structure of Interpretation Contexts. *Synthese* 190, 3001-3051

[15] **2012.** Correlatives. *Language and Linguistics Compass* 6, 1-20

[16] **2011.** Sentence-internal *Different* as Quantifier-internal Anaphora. *Linguistics and Philosophy* 34, 93-168

[17] **2011.** How Indefinites Choose Their Scope. Coauthored with Donka F. Farkas. *Linguistics and Philosophy* 34, 1-55

[18] **2011.** Ranking and Necessity. Coauthored with Alan Prince. *Natural Language and Linguistic Theory* 29, 3-70

[19] **2010.** Decomposing Modal Quantification. *Journal of Semantics* 27, 437-527

[20] **2010.** Structured Anaphora to Quantifier Domains. *Information and Computation* 208, 450-473

[21] **2008.** Donkey Pluralities. *Linguistics and Philosophy* 31, 129-209

CHAPTERS IN
BOOKS OR EDITED
VOLUMES

[1] **2020.** Incremental Interpretation and Dynamic Semantics. Coauthored with Jakub Dotlačil. To appear in *Syntax and Semantics at Santa Cruz (SASC) 4*, Andrew Hedding & Morwenna Hoeks (eds.)

[2] **2019.** *Link's Logical Analysis of Plurals and Mass Terms*. Coauthored with Lucas Champollion. In *Topics in Formal Semantics*. Louise McNally, Zoltán Gendler Szabó, Yael Sharvit (eds.), Springer

[3] **2018.** Processing Quantification. Coauthored with Jakub Dotlačil. In press, *Handbook of Experimental Semantics and Pragmatics*. Chris Cummins, Napoleon Katsos (eds.), Oxford University Press

[4] **2018.** Kinds of (Non-)Specificity. Coauthored with Donka Farkas. To appear in the semantics portion of Wiley's *Linguistics Companion (Companion to Semantics, SemCom)*. D. Gutzmann, L. Matthewson, C. Meier, H. Rullmann & T.E. Zimmermann (eds.), Wiley

[5] **2018.** Donkey Anaphora: Farmers and Bishops. Coauthored with Jakub Dotlačil. To appear in the semantics portion of Wiley's *Linguistics Companion (Companion to Semantics, SemCom)*. D. Gutzmann, L. Matthewson, C. Meier, H. Rullmann & T.E. Zimmermann (eds.), Wiley

[6] **2017.** Dynamic Semantics. Coauthored with Jan van Eijck, Rick Nouwen & Albert Visser. Entry in the *Stanford Encyclopedia of Philosophy*

[7] **2016.** The Semantics of Corrections. Coauthored with Deniz Rudin, Karl DeVries, Karen Duek and Kelsey Kraus. *WoLLIC 2016*, LNCS 9803. J. Väänänen et al. (eds.), 358-374

[8] **2014.** Strict and Sloppy Reflexives in VP ellipsis. Coauthored with Matthew Ong. In *Empirical Issues in Syntax and Semantics 10* (the book associated with *Colloque de Syntaxe et Sémantique 2013*), C. Piñón (ed.), 251-268

[9] **2014.** Indefinites. Coauthored with Donka Farkas. *Handbook of Semantics*, Maria Aloni and Paul Dekker (eds.), Cambridge Univ. Press, to appear, 246-283

[10] **2013.** Presuppositional *Too*, Postsuppositional *Too*. Coauthored with Anna Szabolcsi. *The dynamic, inquisitive, and visionary life of φ, ?φ, and ◇φ: A festschrift for Jeroen Groenendijk, Martin Stokhof, and Frank Veltman*. M. Aloni, M. Franke & F. Roelofsen (eds.), ILLC Publications, 55-64

[11] **2012.** Licensing Sentence-internal Readings in English: An Experimental Study. Coauthored with Jakub Dotlačil. *LNCS 7218 (LNAI): Amsterdam Colloquium 2011*, M. Aloni et al (eds.), Springer, 122-132

[12] **2011.** Plural Discourse Reference. *Handbook of Logic and Language* 2nd ed., J. van Benthem & A. ter Meulen (eds.), Elsevier, 1035-1057

[13] **2010.** Modified Numerals as Post-Suppositions. *LNCS 6042 (LNAI): Amsterdam Colloquium 2009*, M. Aloni & K. Schulz (eds.), Springer, 203-212

[14] **2009.** Exceptional Scope as Discourse Reference to Quantificational Dependencies. Coauthored with Donka Farkas. *LNCS 5422 (LNAI): Proceedings of the 7th International Tbilisi Symposium on Language, Logic and Computation*, P. Bosch, D. Gabelaia & J. Lang (eds.), Springer, 165-179

[15] **2007.** *Say* Reports, Assertion Events and Meaning Dimensions. Coauthored with Donka Farkas, *Pitar Moş: A Building with a View. Papers in Honour of Alexandra Cornilescu*, G. Alboiu, A. Avram, L. Avram & D. Isac (eds.), Bucharest, Editura Universităţii din Bucureşti, 23-43

[16] **2007.** Structured Anaphora to Quantifier Domains: A Unified Account of Quantificational and Modal Subordination. *LNCS 4576 (LNAI): Logic, Language, Information and Computation. 14th International Workshop, WoLLIC 2007*, D. Leivant & R. de Queiroz (eds.), Springer, 101-119

CONFERENCE
PROCEEDINGS

[1] **2021.** A Family of Cognitively Realistic Parsing Environments for Deep Reinforcement Learning. Coauthored with Rohan Pandey and Max Alfano-Smith. In the *Proceedings of Deep Reinforcement Learning Workshop, NeurIPS 2021.*

[2] **2020.** Production-based Cognitive Models as a Test Suite for Reinforcement Learning Algorithms. Coauthored with Jakub Dotlačil. In the *Proceedings of Cognitive Modeling and Computational Linguistics (CMCL) 2020.*

[3] **2020.** Textual Evidence for the Perfunctoriness of Independent Medical Reviews. Coauthored with Megan Moodie and Rakshit Agrawal. In the *Proceedings of the KDD 2020 Workshop on Knowledge-infused Mining and Learning (KiML)*

[4] **2020.** Reinforcement Learning for Production-based Cognitive Models. Coauthored with Jakub Dotlačil. In the *Proceedings of the International Conference on Cognitive Modeling (ICCM) 2020*

[5] **2019.** Cognitive Modeling for Formal Semantics: The Organization of DRSs in Declarative Memory. Coauthored with Jakub Dotlačil. In the *Proceedings of the 2019 Amsterdam Colloquium*

[6] **2018.** An extensible framework for mechanistic processing models: From representational syntax-semantics theories to quantitative model comparison. Coauthored with Jakub Dotlačil. In the *Proceedings of the International Conference on Cognitive Modeling (ICCM) 2018*

[7] **2018.** Quantitative Comparison for Generative Theories: Embedding Competence Linguistic Theories in Cognitive Architectures and Bayesian Models. Coauthored with Jakub Dotlačil. In *Proceedings of the Berkeley Linguistics Society (BLS) 44*

[8] **2015.** Incremental and Predictive Interpretation: Experimental Evidence and Possible Accounts. Coauthored with Jakub Dotlačil. In *Proceedings of SALT 25* (invited talk), 1-24

[9] **2015.** The Polysemy of Container Pseudo-partitives. Coauthored with Karen Duek. In *The Proceedings of Sinn und Bedeutung 19*, 1-18

[10] **2014.** Ignorance in Context: The Interaction of Modified Numerals and QUDs. Coauthored with Matthijs Westera. *Proceedings of Semantics and Linguistic Theory 24*, T. Snider (ed.), 1-18

[11] **2013.** What a Rational Interpreter Would Do: Building, Ranking, and Updating Quantifier Scope Representations in Discourse. Coauthored with Jakub Dotlačil. *Proceedings of the 19th Amsterdam Colloquium*, based on an invited talk at the *Quantitative Data in Formal Semantics and Pragmatics Workshop*, 1-9

[12] **2012.** The Online Interpretation of Sentence-internal *Same* and Distributivity. Coauthored with Jakub Dotlačil. *Proceedings of Semantics and Linguistic Theory 22*, A. Cherches (ed.), 104-124

[13] **2012.** Polarity Particles and the Anatomy of N-words. Coauthored with Donka F. Farkas and Floris Roelofsen. *Proceedings of Sinn und Bedeutung 16*, A. Aguilar-Guevara, A. Chernilovskaya, and R. Nouwen (eds.), MITWPL, 99-112

[14] **2012.** The Pragmatics of Quantifier Scope: A Corpus Study. Coauthored with Scott AnderBois & Robert Henderson. *Proceedings of Sinn und Bedeutung 16*, A. Aguilar-Guevara, A. Chernilovskaya, and R. Nouwen (eds.), MITWPL, 15-28

[15] **2011.** Crossing the Appositive/At-Issue Meaning Boundary. Coauthored with Scott AnderBois & Robert Henderson. *Proceedings of Semantics and Linguistic Theory 20*, N. Li & D. Lutz (eds.), eLanguage, 328-346

[16] **2011.** Varieties of Distributivity: *One by One* vs *Each*. Coauthored with Robert Henderson. *Proceedings of Semantics and Linguistic Theory 19*, E. Cormany, S. Ito & D. Lutz (eds.), eLanguage, 55-72

[17] **2009.** Scope and the Grammar of Choice. Coauthored with Donka Farkas. *Proceedings of Logic and Language 10*, L. Kalman (ed.), 119-129

[18] **2009.** Modal Concord as Modal Modification. Coauthored with Pranav Anand. *Proceedings of Sinn und Bedeutung 14*, M. Prinzhorn, V. Schmitt & S. Zobel (eds.), 19-36

[19] **2009.** Measure Noun Polysemy and Monotonicity: Evidence from Romanian Pseudopartitives. *Proceedings of the 38th Meeting of the North East Linguistic Society*, A. Schardl, M. Walkow & M. Abdurrahman (eds.), CreateSpace, 139-150

[20] **2008.** Sentence-Internal Readings of *Same/Different* as Quantifier-Internal Anaphora. *Proceedings of the 27th West Coast Conference on Formal Linguistics*, N. Abner & J. Bishop (eds.), Cascadilla Proceedings Project, 72-80

[21] **2008.** Uniqueness Effects in Correlatives. *Proceedings of Sinn und Bedeutung 12*, A. Grønn (ed.), ILOS, Oslo, 47-65

[22] **2008.** Comparative Correlatives as Anaphora to Differentials. *Proceedings of Semantics and Linguistic Theory 18*, T. Friedman & S. Ito (eds.), Cornell University, 126-143

[23] **2007.** Donkey Pluralities: Plural Information States vs. Non-Atomic Individuals. *Proceedings of Sinn und Bedeutung 11*. E. Puig Waldmüller (ed.), 106-120

[24] **2006.** Structured Discourse Reference to Propositions. *Proceedings of Logic and Language 9*, B. Gyuris, L. Kalman, C. Pinon & K. Varasdi (eds.), 35-44

[25] **2006.** Temporal and Propositional *De Se*: Evidence from Romanian Subjunctive Mood. *Proceedings of Sinn und Bedeutung 10*, published as ZASPIL (ZAS Papers in Linguistics) 44, Ch. Ebert & C. Endriss (eds.), 55-70

[26] **2005.** Contrast Analysis Aids in the Learning of Phonological Underlying Forms. Coauthored with John Alderete, Nazarré Merchant, Alan Prince & Bruce Tesar. *Proceedings of the 24th West Coast Conference on Formal Linguistics*, J. Alderete et al (eds.), Cascadilla Proceedings Project, 34-42

Sᴏғᴛᴡᴀʀᴇ **2020–2021**
- The `lgm` library (https://github.com/abrsvn/lgm): a lightweight Python3 LangGuage Modeling (LGM) library for deep learning / reinforcement learning experiments; the goal is to leverage ML and NLP methods, frameworks and/or datasets for (*i*) computation cognitive modeling of linguistic phenomena and (*ii*) social good applications [email me if you want to access the (for now) private github repo]

2019–2020
- The `lgm` library (https://github.com/abrsvn/lgm) – see description above

2018–2019
- The `pyactr-book` repository (https://github.com/abrsvn/pyactr-book): a Python3 repository associated with the *Computational Cognitive Modeling and Linguistic Theory* that provides full code for cognitive models of natural language syntax and semantics phenomena and associated Bayesian models, including posterior samples that required access to HPC clusters to compute

TALKS /
PRESENTATIONS
(W/O
CORRESPONDING
PUBLICATIONS;
SELECTED)

2020–2021
- A mighty Maze! Revisiting strategic underspecification using the Maze task (joint work with Jack Duff, Shayne Sloggett, Nicholas Van Handel, Kelsey Sasaki, Stephanie Rich, Wesley Orth, Pranav Anand and Amanda Rysling), *California Meeting on Psycholinguistics (CAMP) 4*, UC Irvine, May 23, 2021
- Parsing as a reinforcement learning problem (joint work with Rohan Pandey and Max Alfano-Smith), UCSC S-circle talk, May 7, 2021
- Task influences on lexical underspecification: Insights from the Maze and SPR. Coauthored with Jack Duff and Amanda Rysling. Poster presentation and short talk, *CUNY 2021*
- Reinforcement Learning for Production-based Cognitive Models. Coauthored with Jakub Dotlačil. Talk at *AMLaP 2020, Special session: Computational models of language processing*
- Effects of morphological identity and voice mismatch in VP ellipsis. Coauthored with Jesse Harris. Poster, *AMLaP 2020*
- Semantic commitment and lexical underspecification in the Maze. Coauthored with Jack Duff and Amanda Rysling. Poster, *AMLaP 2020*

2019–2020
- Reinforcement learning for production-based cognitive models (joint work with Jakub Dotlačil), UCSC S-circle talk, May 29, 2020
- Language models and sentiment classification, *UCSC Applied AI Initiative (AAII) Tutorial Series*, May 22, 2020
- Deep learning for collaborative filtering and tabular modeling, *UCSC Applied AI Initiative (AAII) Tutorial Series*, May 18, 2020
- Binary and multiclass image classification, *UCSC Applied AI Initiative (AAII) Tutorial Series*, May 15, 2020
- Reinforcement Learning for Production-based Cognitive Models. Coauthored with Jakub Dotlačil. Poster, *CUNY 2020*
- Cognitive Modeling for Formal Semantics. Coauthored with Jakub Dotlačil. Poster, *CUNY 2020*
- The processing of direct discourse: When a subordinate speech act sticks around. Coauthored with Jack Duff, Pranav Anand and Amanda Rysling. Poster, *CUNY 2020*
- Morphological identity and voice mismatch in VP ellipsis: An interference-based account. Coauthored with Jesse Harris. Poster, *CUNY 2020*
- Practical Bayesian Inference, *UCSC Applied AI Initiative (AAII) Tutorial Series*, November 2019
- Transfer Learning in NLP, *UCSC Applied AI Initiative (AAII) Tutorial Series*, November 2019

2018–2019
- Computational Cognitive Modeling for Syntax and Semantics (joint work with Jakub Dotlačil), *University of Connecticut Logic Group*, April 2019
- The Lexical Temporal Properties of Nominal Predicates (joint work with Maura O'Leary), *CUSP 11: California Universities Semantics and Pragmatics*, October 2018

- Cognitively realistic computational models for natural language understanding. *Santa Cruz Machine Learning (SCML)* group, October 2018
- The semantics and processing of correlatives. Presented at the *Multiple wh-constructions and their kin* workshop, Nantes, September 2018, organizers: Anamaria Falaus and Ivano Caponigro

2017–2018
- A cognitively realistic left-corner parser with visual and motor interfaces. Coauthored with Jakub Dotlačil. Talk, *CUNY 2018*
- Modeling Lexical Access in ACT-R. Coauthored with Jakub Dotlačil. Poster, *CUNY 2018*
- A cognitively realistic left-corner parser with visual and motor interfaces. Coauthored with Jakub Dotlačil. *S-Lab*, UC Santa Cruz, March 2018
- Quantitative Comparison for Generative Theories: Embedding Competence Linguistic Theories in Cognitive Architectures and Bayesian Models. Coauthored with Jakub Dotlačil. *S-Lab*, UC Santa Cruz, January 2018
- Modeling Lexical Access in ACT-R. Coauthored with Jakub Dotlačil. Poster, *Architectures and Mechanisms of Language Processing (AMLaP) 2017*

2016–2017
- The scope of comparative quantifier phrases in object position. Coauthored with Kristen Syrett & Atsushi Oho. *Linguistics Department colloquium*, UC San Diego, October 2016
- Introduction to Dynamic Semantics – a tutorial. *Linguistics Department*, UC San Diego, October 2016
- The scope of comparative quantifier phrases in object position. Coauthored with Kristen Syrett & Atsushi Oho. *Language, Logic and Cognition Lab*, UC Santa Cruz, October 2016

2014–2015
- Processing Pluralities: Syntax and the Lexicon. Coauthored with Jakub Dotlačil. *CUNY 28* (poster)
- Intro to mixed-effects models workshop (and the consequences of different random-effect structures for linguistic generalizations), UC Santa Cruz, Center for Statistical Analysis in the Social Sciences, Feb. 6 2015
- Incremental and Predictive Interpretation: Experimental Evidence and Possible Accounts, S-Circle, UC Santa Cruz, April 2015
- Incremental and Predictive Interpretation: Experimental Evidence and Possible Accounts, Georgetown University, April 2015

2013–2014
- Scales of Negativity, *CSLI Workshop on Logic, Rationality and Intelligent Interaction*, Stanford, May-June 2014
- What a Rational Interpreter Would Do: Building, Ranking, and Updating Quantifier Scope Representations in Discourse, *Workshop on Epistemic Modals and Domain Restriction*, Rutgers, April 2014
- Sentence-internal *Same* and Its Quantificational Licensors: A New Window into the Processing of Inverse Scope, *Workshop on Cognition and Language*, Stanford, March 2014
- Sentence-internal *Same* and Its Quantificational Licensors : A New Window into the Processing of Inverse Scope, *Co-distributivity Workshop*, CNRS, Paris, February 2014

2012–2013
- Crossing the Appositive / At-issue Meaning Boundary. Coauthored with Scott

AnderBois and Robert Henderson. Workshop on Appositives, S-Circle, UC Santa Cruz, April 2013
- Scales of Negativity. Coauthored with Donka F. Farkas, Floris Roelofsen and Karen De Clercq. Stevenson Faculty Lecture, UC Santa Cruz, April 2013
- Scales of Negativity. Coauthored with Donka F. Farkas, Floris Roelofsen and Karen De Clercq. Johns Hopkins University, February 2013
- Scales of Negativity. Coauthored with Donka F. Farkas, Floris Roelofsen and Karen De Clercq. University of Frankfurt, January 2013
- A Typology of Specificity. Coauthored with Donka F. Farkas. Workshop on Specificity, Bucharest University, December 2012

2011–2012
- Tutorial on dynamic semantics and talk on the semantics of sentence-internal readings of *different*, *same* and relatives. Stanford University, part of the *Context Dependence workshop series*, November 2011

2010–2011
- Sentence-internal *Different* as Quantifier-internal Anaphora, colloquium talk. Rutgers University, March 2011

2009–2010
- Modified Numerals as Post-suppositions. University of Frankfurt, December 2009
- Modified Numerals as Post-suppositions. Stanford University, part of *SCALE: A workshop on Scales, Comparison and their Linguistic Expression*, April 2010
- Dependent Indefinites within a Typology of Specificity. Coauthored with Donka F. Farkas. Stuttgart University, *Specificity from Theoretical and Empirical Points of View*, August-September 2010

2008–2009
- Scope and the Grammar of Choice. Coauthored with Donka Farkas. UCLA, *California Universities Semantics and Pragmatics* 1, May 2009
- Scope and the Grammar of Choice. Coauthored with Donka Farkas. Stanford University, *Workshop on Language, Communication and Rational Agency*, May 2009

FELLOWSHIPS, AWARDS & GRANTS

2021–2022
- NSF Data Science for All, Co-PI, $500,000 !!! CORRECT / ADD TO THIS ENTRY WHEN THE TIME COMES

2020–2021
- Center-scale seed funding from the UCSC Office of Research for the Applied Artificial Intelligence Initiative, Co-PI, $60,000
- UCSC Committee on Research, Faculty Research Grant: Trends and Biases in Independent Medical Reviews of Health Plan Coverage Denials, $2,500

2019–2020
- Online Course Development Award, Summer 2020 (jointly with Jess Law), $4,000
- Full sponsorship for the Certificate in Deep Learning Part I (March-May 2020) from the Data Institute, University of San Francisco ($2,000)
- Santa Cruz Institute for Social Transformation (UCSC), Sprout Grant opportunity, *WeLPLACe* research project (co-PI, PI: Megan Moodie), $3,000
- VPR / The Humanities Institute, Seed Funding for HPC hardware, *Trends and Biases in Independent Medical Reviews of Health Plan Coverage Denials* (PI), $2,750
- NVIDIA Accelerated Data Science GPU Grant, *Trends and Biases in Independent Medical Reviews of Health Plan Coverage Denials* (PI), 2 Titan V GPUs (approx. $6,000)

2018–2019
- UCSC Committee on Research Faculty Special Research Grant, *Formal Linguistics and Cognitive Architecture: Integrating generative grammars, cognitive architectures and Bayesian methods*, $1,500

2017–2018
- UCSC Institute for Humanities Research (IHR) grant, partially supporting an October 2018 UCSC workshop on *Topics at the Semantics-Pragmatics Interface*, $1,500

2014–2015
- UCSC Committee on Research, Faculty Research Grant: Empirical Foundations of Lexical Semantics and Its Processing and Pragmatics, $1,500

2013–2014
- Linguistic Society of America Early Career Award (year 2014)
- UCSC Committee on Research, Faculty Research Grant: Empirical Foundations of Lexical Semantics and Its Processing and Pragmatics, $1,500

2012–2013
- UCSC Committee on Research, Faculty Research Grant: The Grammar of Plurality, $2,000

2011–2012
- UCSC Committee on Research, Special Research Grant: The Grammar of Quantification and Comparison, $7,500

2010–2011
- UCSC Committee on Research, Faculty Research Grant: Logic Puzzles and the Discourse Semantics of Quantification, $1,500
- UCSC Institute for Humanities Research fellowship: grant money used as a course replacement, $6,000

2009–2010
- UCSC Committee on Research, Special Research Grant: Logic Puzzles and the Discourse Semantics of Quantification, $6,000

2008–2009
- UCSC Committee on Research, Faculty Research Grant: Semantic Parallels Across Domains, $2,500

2007–2008
- Andrew W. Mellon Foundation, Postdoctoral Fellow, Humanities Fellows Program, Stanford University (2008–2009 declined)

2005–2006
- Deutscher Akademischer Austausch Dienst (DAAD), Graduate Scholarship for Study / Research in Germany; October 2005–February 2006: J. W. Goethe Universität, Frankfurt am Main; March 2006–July 2006: Institute for Natural Language Processing, Universität Stuttgart

2004
- Pre-dissertation Research Grant, Rutgers University

2000
- Exchange Program with Paris VII and CNRS, Romanian Academy and the University of Bucharest

MISCELLANEOUS CERTIFICATIONS	**2020–2021** • Generative Adversarial Networks (GANs) Specialization (three courses: Build Basic GANs, Build Better GANs, Apply GANs), Coursera, spring & summer 2021 • Natural Language Processing Specialization (four courses: Natural Language Processing with Classification and Vector Spaces, Natural Language Processing with Probabilistic Models, Natural Language Processing with Sequence Models, Natural Language Processing with Attention Models), Coursera, summer & fall 2020 • Integrated Course Design for Remote Instruction, UCSC, June-July 2020

2019–2020
- Deep Learning Part 1 (`fast.ai`), The Data Institute, University of San Francisco, March-May 2020
- Leadership Academy (Leadership Skill-Building, including $360°$ Assessment; Diversity Session; Collaborative Negotiation Skill-Building; The Art of Adaptive Leadership; Conflict Resolution; Executive Presence and Presentation Skills), UCSC, winter 2020
- Full Stack Deep Learning Boot Camp (https://fullstackdeeplearning.com/), November 2019
- Reinforcement Learning Specialization (four courses: Fundamentals of Reinforcement Learning; Sample-based Learning Methods; Prediction and Control with Function Approximation; A Complete Reinforcement Learning System), Coursera, fall 2019
- Four courses from the Advanced Machine Learning Specialization: Introduction to Deep Learning; Bayesian Methods for Machine Learning; Practical Reinforcement Learning; Natural Language Processing, Coursera, summer 2019

2018–2019
- Deep Learning Specialization (five courses: Introduction to Deep Learning; Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization; Structuring Machine Learning Projects; Convolutional Neural Networks; Sequence Models), Coursera, spring 2019
- Mathematics for Machine Learning Specialization (three courses: Mathematics for Machine Learning: Linear Algebra; Mathematics for Machine Learning: Multivariate Calculus; Mathematics for Machine Learning: PCA), Coursera, winter 2019
- Introduction to Probability, EdX, summer 2018

2015–2018
- Various Coursera courses: The Hardware/Software Interface (University of Washington); Machine Learning (Stanford University); Mathematical Biostatistics Boot Camp 1 (Johns Hopkins University); Algorithmic Thinking (Rice University); Principles of Computing (Rice University); Data Analysis and Statistical Inference (Duke University); Algorithms: Design and Analysis, Part 2 (Stanford University); Algorithms: Design and Analysis, Part 1 (Stanford University); Massively Multivariable Open Online Calculus Course (The Ohio State University); Calculus One (The Ohio State University); Computing for Data Analysis (Johns Hopkins University); Computational Neuroscience (University of Washington); Calculus Two: Sequences and Series (The Ohio State University)

TEACHING: COURSES	**2020–2021** UC Santa Cruz • Introduction to Linguistics (undergraduate, fall; asynchronous online) • Semantics Seminar (graduate, spring) • Advanced Psycholinguistics (undergraduate, spring) • Collaborating with Jake Vincent (PhD student, Linguistics, UCSC) and Jess Law (Assistant Prof, Linguistics, UCSC) to develop an asynchronous online Semantics

1 course based on my Semantics 1 materials, teaching method and videos from summer 2020 (undergraduate, summer & fall 2020, possibly winter 2021)

2019–2020   UC Santa Cruz
- Semantics A (graduate, winter)
- Semantics 1 (undergraduate, winter)
- Semantics 1 (undergraduate, summer)

2018–2019   UC Santa Cruz
- Computing Dynamic Meanings: Building Integrated Competence-Performance Theories for Semantics, cotaught with Jakub Dotlačil, Language & Computation track (advanced course), ESSLLI 2018 (graduate, summer 2018)
- Semantics A (graduate, fall)
- Semantics 1 (undergraduate, fall)
- Psycholinguistics and Linguistic Theory (undergraduate, winter)
- sabbatical (spring)

2017–2018   UC Santa Cruz
- Pragmatics (undergraduate, fall)
- Semantics A (graduate, fall)
- Semantics 1 (undergraduate, winter)
- Semantics Seminar (graduate, spring)

2016–2017   UC Santa Cruz
- Introduction to Linguistics (undergraduate, fall)
- Semantics B (graduate, winter)
- Quantitative Methods in Linguistics (undergraduate, spring)

2015–2016   UC Santa Cruz
- Introduction to Linguistics (undergraduate, fall)
- Semantics 2 (undergraduate, winter)
- Semantics B (graduate, spring)

2014–2015   UC Santa Cruz
- Semantics A (graduate, winter)
- Quantitative Methods in Linguistics (undergraduate, winter)
- Seminar: Computing Dynamic Meanings – From Montagovian Compositionality to Incremental Processing (graduate, spring)
- Semantics 1 (undergraduate, summer)

2013–2014   UC Santa Cruz
- Semantics 3: Computational Formal Semantics with Haskell (undergraduate, fall)
- Semantics 1 (undergraduate, winter)
- Semantics B (graduate, spring)
- Quantitative Methods in Linguistics (undergraduate, spring)

2012–2013   UC Santa Cruz
- Seminar: Introduction to Bayesian Data Analysis and Cognitive Modeling (graduate, fall)
- Semantics 1 (undergraduate, fall)
- Research Seminar (graduate, winter)
- Semantics 2 (undergraduate, winter)

2011–2012   UC Santa Cruz
- Seminar: Statistical & Cognitive Modeling for Formal Semantics (graduate, winter)

- Semantics B (graduate, winter)
- Structure of Romance Languages (undergraduate, spring)
- Semantics 1 (undergraduate, summer)

2010–2011   UC Santa Cruz
- Semantics B (graduate, winter)
- Semantics 1 (undergraduate, winter)
- Semantics 1 (undergraduate, summer)

2009–2010   UC Santa Cruz
- Semantics 1 (undergraduate, winter)
- Semantics C: Partiality in Natural Language Semantics (graduate, spring)
- Pragmatics (undergraduate, spring)
- Senior Research Seminar (undergraduate, spring)

2008–2009   UC Santa Cruz
- Seminar: Decomposing Quantification (graduate, fall)
- Semantics B (graduate, winter)
- Semantics 2 (undergraduate, spring)
- Senior Research Seminar (undergraduate, spring)

2007–2008   Stanford University
- Seminar: Indefinites (graduate, fall)
- Semantics: Introduction to Linguistic Meaning & Logic Laboratory (undergraduate, spring)

2007 (Winter, Spring)   UC Santa Cruz
- Introduction to Linguistics (undergraduate, winter)
- Mathematical Foundations of Linguistics (graduate, spring)
- Pragmatics (undergraduate, spring)

2006 (Fall)   Rutgers University, University of Oslo
- Introduction to the Study of Language (undergraduate). Rutgers University.
- Introduction to Dynamic Semantics (graduate), cotaught with Sam Cumming. Invited mini-course, *Dynamic Semantics Workshop*, University of Oslo

TEACHING:
ADVISING

2020–2021   UC Santa Cruz
- Lisa Hofmann: faculty advisor
- Lisa Hofmann: dissertation committee (chair)
- Zach Horton (UCSC, Statistics Dept.): secondary advisor / co-advisor (tbd)
- Morwenna Hoeks: faculty advisor (fall-winter)
- Morwenna Hoeks: QP2 committee (chair)
- Vishal Arvindam: QP1 committee (member)
- Max Kaplan: QP2 committee (member)
- Jack Duff: QP2 committee (member)
- Stephanie Rich: QP2 committee (member)
- Anelia Kudin: MA committee (member)

2019–2020   UC Santa Cruz
- Lisa Hofmann: faculty advisor
- Lisa Hofmann: dissertation committee (chair)
- Margaret Kroll: PhD dissertation committee (member)
- Akhil Dixit (UCSC, CSE Dept.): QE committee (external member)
- Morwenna Hoeks: faculty advisor
- Morwenna Hoeks: QP1 committee (member)

- Stephanie Rich: QP1 committee (member)
- Anelia Kudin: QP1 committee (member)
- Richard Bibbs: QP2 committee (member)
- Haoze Li (New York University, Linguistics): PhD dissertation committee member

2018–2019 UC Santa Cruz
- Lisa Hofmann: faculty advisor
- Lisa Hofmann: QP2 committee (chair)
- Lisa Hofmann: QE committee (chair)
- Hitomi Hirayama: faculty coadvisor
- Hitomi Hirayama: PhD dissertation committee (cochair; successfully defended February 2019)
- Margaret Kroll: PhD dissertation committee (member)

2017–2018 UC Santa Cruz
- Hyotae Kim (UCSC, AMS Dept.): QE committee (external member)
- Lisa Hofmann: faculty advisor
- Hitomi Hirayama: faculty coadvisor
- Hitomi Hirayama: PhD dissertation committee (cochair)
- Margaret Kroll: QE committee (member)
- Margaret Kroll: PhD dissertation committee (member)
- Deniz Rudin: PhD dissertation committee (member)
- Tom Roberts: QP2 committee (member)
- Kelsey Sasaki: QP2 committee (member)
- Dhyana Buckley: MA committee (member)

2016–2017 UC Santa Cruz
- Nathan Arnett: dissertation committee, member
- Karl DeVries: PhD dissertation committee (chair; successfully defended September 2016)
- Karen Duek: faculty advisor
- Karen Duek: PhD dissertation committee (chair; successfully defended June 2017)
- Hitomi Hirayama: faculty coadvisor
- Hitomi Hirayama: QP2 committee (chair)
- Hitomi Hirayama: QE committee (cochair)
- Lauren McGarry: MA thesis committee (member)
- Margaret Kroll: QP2 committee (member)
- Deniz Rudin: QE committee (member)
- Dylan Bumford (New York University, Linguistics): PhD dissertation committee member (reader)

2015–2016 UC Santa Cruz
- Andreas Walker (University of Konstanz, Germany): UCSC Linguistics Research Center visiting graduate student / junior specialist, advisor
- Nathan Arnett: PhD dissertation committee, member
- Ben Meriçli: QP committee, member
- Nate Clair: MA thesis committee, member
- Chelsea Miller: MA thesis committee, member
- Karl DeVries: faculty advisor
- Karl DeVries: PhD dissertation committee (chair)
- Karen Duek: faculty coadvisor
- Karen Duek: QE committee (cochair)
- Hitomi Hirayama: faculty coadvisor
- Dylan Bumford (New York University, Linguistics): PhD dissertation proposal committee member & PhD dissertation committee member

- Matthew Margulis: undergraduate thesis advisor

2014–2015   UC Santa Cruz
- Nathan Arnett: dissertation (prospectus) committee, member
- Scarlett Clothier-Goldschmidt: MA committee, member
- Karl DeVries: faculty advisor
- Karl DeVries: QE committee, chair
- Karen Duek: faculty coadvisor
- Deniz Rudin: QP committee, member
- Erik Zyman: QP committee, member
- Brian Buccola (McGill University, Linguistics): PhD thesis, external reviewer / examiner
- Matthew Margulis: undergraduate thesis advisor

2013–2014   UC Santa Cruz
- Karl DeVries: faculty advisor
- Karen Duek: QP committee, chair
- Karen Duek: faculty coadvisor
- Anna Greenwood: QP committee, member
- Oliver Northrup: PhD dissertation committee, member
- Michael Titone: undergraduate thesis advisor (HUGRA prize 2014, Dean's Award 2014)
- Erik Zyman: QP committee, member

2012–2013   UC Santa Cruz
- Nathan Arnett: QE committee, member
- Karl DeVries: faculty advisor
- Karl DeVries: QP committee, chair
- Ekaterina Kravtchenko: MA thesis committee, member
- Oliver Northrup: PhD dissertation committee, member
- Matthew Ong: MA thesis committee, chair
- Allan Schwade: QP committee, member
- Clara Sherley-Appel: QP committee, member

2011–2012   UC Santa Cruz
- Karl DeVries: faculty advisor
- Robert Henderson: PhD dissertation committee, cochair (defended: July 2012)
- Oliver Northrup: QE committee, member

2010–2011   UC Santa Cruz
- Scott AnderBois: PhD dissertation committee, member (defended: June 2011)
- Robert Henderson: QE committee, member
- Oliver Northrup: QP committee, member

2009–2010   UC Santa Cruz
- Scott AnderBois: QE committee, member
- Ryan Bennett: QP committee, member
- Robert Henderson: QP committee, member
- Anie Thompson: QP committee, member

2008–2009   UC Santa Cruz
- Scott AnderBois: QP committee, member
- Amanda Morris: MA thesis committee, member

2007 (Winter, Spring)   UC Santa Cruz

- Nicholas Reynolds: MA thesis committee, member

SERVICE: DEPARTMENT & UNIVERSITY	**2020–2021** UC Santa Cruz

- Committee on Career Advising (CCA, UCSC wide committee), chair
- Linguistics Department, associate chair (spring 2021)
- Designated Emphasis in Data Science (DS DE), Executive Committee member
- Applied Artificial Intelligence Initiative (AAII), member
- Review committee for AAII GSR awards (seed-funding related), member
- Language, Logic & Cognition Lab, director
- Search committee for a faculty position in phonology, member
- Search committee for a faculty position in data science, Statistics Department, external member

2019–2020 UC Santa Cruz

- Faculty Administrative Leadership Program (FALP), working with the UCSC Academic Affairs Division in particular; spearheaded a 'Pathways to Retirement' pilot program at UCSC (as part of FALP), from initial fact-finding research and interviews with relevant officers on other UC campuses to consultation process with relevant administrative units and faculty Senate committees and final policy, agreement form, funding proposal and (internal) call for a faculty-liaison.
- Leadership Academy 2020 (goal: build a diverse pool of academic & staff employees with the knowledge and skills to be successful in leadership roles at UCSC)
- Presentation and discussion of a proposed 'Pathways to Retirement' program at UCSC, UCSC Academic Personnel Office Divisional Coordinators meeting
- Review committee for summer session online course proposals (campus wide), member
- Language, Logic & Cognition Lab, director
- Designated Emphasis in Data Science Workgroup, member
- Designated Emphasis in Data Science, Executive Committee member
- Designated Emphasis in Data Science, program faculty
- Applied Artificial Intelligence Initiative (AAII), member
- AAII Seminar Series, coorganizer
- AAII Tutorial Series, coorganizer and coinstructor
- Search committee for a faculty position in syntax, member
- Drafted parts of various Linguistics Department Personnel letters
- Graduate admissions committee, member

2018–2019 UC Santa Cruz

- Language, Logic & Cognition Lab, director
- Workshop on *Topics at the Semantics-Pragmatics Interface*, local faculty organizer (coorganized with Floris Roelofsen)
- Undergraduate enrollments and majors task force (chair, fall & winter)
- Linguistics Department Personnel Committee, member
- Designated Emphasis in Data Science Workgroup, member
- Applied Artificial Intelligence Initiative (AAII), member
- Search committee for a faculty position in syntax, member
- Search committee for a faculty position in semantics, member
- Initial review subcommittee for the semantics faculty recruitment, member

2017–2018 UC Santa Cruz

- WHASC coeditor (Fall 2017)
- Language, Logic & Cognition Lab, director
- Linguistics Research Center, director
- Task force: undergraduate enrollments and majors

- Humanities Division Committee on Academic Personnel (DivCAP), chair
- Linguistics Department Personnel Committee, member
- Merit & promotion reviewer (with Bylaw 55 voting rights), Department of Languages and Applied Linguistics (UCSC)
- Graduate admissions committee, member
- Faculty coadvisor for Linguistics Research Center graduate student visitor Maura O'Leary (UCLA)
- Data Science Themed Academic Workgroup, member

2016–2017   UC Santa Cruz
- Committee on Planning and Budget (CPB, UCSC wide committee), member
- WHASC coeditor (Winter & Spring 2017)
- Language, Logic & Cognition Lab, director
- Linguistics Research Center, director
- Search committee for a faculty position in phonology and a faculty position in theoretical linguistics & experimental/computational methodologies, member
- Task force: undergraduate enrollments and majors, member
- Graduate admissions committee, member
- Retirement party for Sandra Chung, William Ladusaw and Armin Mester, main faculty organizer

2015–2016   UC Santa Cruz
- Committee on Planning and Budget (CPB, UCSC wide committee), member
- Language, Logic & Cognition Lab, director
- Linguistics Research Center, director
- Search committee for a faculty position in syntax, member
- Faculty advisor for Linguistics Research Center graduate student visitor Andreas Walker (visiting from University of Konstanz, Germany)

2014–2015   UC Santa Cruz
- Committee on Faculty Welfare (CFW, UCSC wide committee), member
- Language, Logic & Cognition Lab, director
- Program Learning Outcomes (PLO) committee, member (winter, spring)
- S-circle, coorganizer
- Linguistics Undergraduate Research Conference (LURC), organizer

2013–2014   UC Santa Cruz
- Undergraduate Program Director (UPD), UC Santa Cruz, Linguistics Department
- Language, Logic & Cognition Lab, director
- Undergraduate Curriculum Task Force, member
- S-circle, coorganizer
- Undergraduate Career Workshop (fall 2013), UC Santa Cruz, coorganizer

2012–2013   UC Santa Cruz
- Undergraduate Program Director (UPD), UC Santa Cruz, Linguistics Department
- Dean's and Chancellor's awards, committee member, UC Santa Cruz
- Linguistics at Santa Cruz (LASC), organizer
- Linguistics Undergraduate Research Conference (LURC), organizer
- Language, Logic & Cognition Lab, director
- Search committee for a faculty position in syntax, member
- Graduate admissions committee, member

2011–2012   UC Santa Cruz
- Linguistics Undergraduate Research Conference (LURC), coorganizer
- Linguistics Colloquium Committee, faculty point person

- Language, Logic & Cognition Lab, director
- Faculty liaison for Linguistics Research Center visitor Jakub Dotlačil
- WCCFL 2012 Organizing Committee, member
- Disqualification Policy Committee, member

2010–2011 UC Santa Cruz
- Corpus Linguistics Group, organizer
- Santa Cruz Linguistics and Philosophy Group, coorganizer
- Search committee for a faculty position in syntax, member
- Graduate admissions committee, member
- Faculty liaison for Linguistics Research Center visitor Floris Roelofsen
- Faculty liaison for Linguistics Research Center visitor Jakub Dotlačil
- Graduate curriculum planning committee, member
- Frosh summer orientation session

2009–2010 UC Santa Cruz
- Academic Assessment Grievance Committee (UCSC wide committee), member
- Corpus Linguistics Group, organizer
- Graduate curriculum planning committee, member
- Frosh summer orientation session

2008–2009 UC Santa Cruz
- Search committee for a faculty position in phonetics or syntax, member
- Santa Cruz Linguistics and Philosophy group, member
- Graduate curriculum planning committee, member
- Graduate admissions committee, member

2007–2008 Stanford University
- QP-Fest, coorganizer

SERVICE:
PROFESSION

2012–
- Editorial board of the journal *Linguistics and Philosophy*, member

2009–
- Editorial board of the journal *Semantics and Pragmatics*, member

2007–
- Tenure and/or promotion to full professor (or similar ranks) reviewer: Cornell University, Johns Hopkins University, New York University, University of Nantes (France), Rutgers University, Hampshire College, UCLA, UCSD
- Reviewer for:

  Journals: *Journal of Pragmatics*, *Journal of Semantics*, *Language*, *Linguistics and Philosophy*, *Natural Language and Linguistic Theory*, *Natural Language Semantics*, *Semantics and Pragmatics*, *SKY Journal of Linguistics*, *Synthese*, *Language and Cognitive Processes*, *Theoretical Linguistics*, *Glossa: A Journal of General Linguistics*

  Books / edited volumes: Blackwell Publishing, Cambridge Key Topics in Semantics and Pragmatics, Cambridge Handbook of Semantics, Oxford Handbook of Experimental Semantics and Pragmatics, Oxford Studies in Semantics and Pragmatics, Oxford University Press, Springer Books, Volume on verbal plurality (P. Cabredo & B. Laca eds.), "Advances in Optimality Theory" Series (Armin Mester & Vieri Samek-Lodovici, eds., Equinox Publishing), MIT Press

  Conferences: *CUNY Human Sentence Processing Conference* 2021, *NeurIPS* 2020, *CUNY Human Sentence Processing Conference* 2020, *The Annual Meeting of the Cognitive Science Society (COGSCI)* 2014, *ESSLLI Student Session* 2012 & 2014,

GLOW 2015, WCCFL 2015, Workshop on Gradability, Scale Structure and Vagueness: Experimental Perspectives (May 2015, Madrid), Workshop on Logic & Probability (ESSLLI 2015), Experimental Pragmatics (XPrag) 2015, *Formal Approaches to Japanese Linguistics* 2010, *Logic and Engineering of Natural Language Semantics*, *North East Linguistic Society* 2012, 2019, *Semantics and Linguistic Theory* (every year in the last several years), *Sinn und Bedeutung* (almost every year in the last several years), *Amsterdam Colloquium* (every year in the last several years), *Workshop on Nominal and Verbal Plurality*, *Workshop on Co-distributivity* (Paris, Feb. 2014), *Society for Philosophy and Psychology* (SPP, *ad hoc* reviewer for the 2019 meeting)

NSF Linguistics, The Swedish Foundation for Humanities and Social Sciences

2015–2016
- Semantics of Under-Represented Languages in the Americas (SULA) 9, commentator

2012–2013
- Semantics and Linguistic Theory (SALT) 23, coorganizer

2009–2010
- California Universities Semantics and Pragmatics 2, coorganizer