# Jonathan Rawski

*Curriculum Vitae*

*Department of Linguistics & Language Development*
*San Jose State University San Jose, CA*
✉ *jon.rawski@sjsu.edu*
*jrawski.info*


## Employment & Education

2021-present **San Jose State University**
Assistant Professor, Department of Linguistics & Language Development

2023-2024 **Massachusetts Institute of Technology**
Visiting Faculty, Department of Linguistics & Philosophy (invited position)

2016-2021 **Stony Brook University**
**PhD, Linguistics**
Research Fellow, Institute for Advanced Computational Science
Graduate Assistant, Department of Neurobiology and Behavior

2014-2016 **Higher School of Economics**
**MSc, Cognitive Science**
Graduate Assistant, Theoretical Neuroscience Group

2010-2013 **University of Minnesota**
**BA, Linguistics**
Undergraduate Researcher, Department of Speech-Language-Hearing Sciences
Student Manager & Research Assistant, NuMI Off-Axis Electron Neutrino Appearance (NOvA) Laboratory, Department of Physics

## Research Areas

Linguistics Phonology, Morphology, Learnability, Computational/Mathematical Linguistics

Computer Science Automata Theory, Formal Languages, Descriptive Complexity, Logics, Neural Network Theory,Algorithmic Learning Theory

## Courses Taught

### Primary Instructor

San Jose State
Adv. Topics in Mathematics: Groups and Languages (With Edgar Bering) - F25
Computational Linguistics 1&2 - S25, F25
Introduction to Linguistics - F21, S22, F22
Speech Technology - F21, F22
Sound & Communication - S23, F24, F25, S26
Corpus Linguistics - S22
Natural Language Processing - S22, S23, S25, F25, S26

NYI Learnability and Linguistic Theory - Sum25

ESSLLI Expressivity of Transformers: Logic, Circuits, and Formal Languages - Sum24 (with David Chiang, Lena Strobl, Andy Yang)

MIT
Special Topics in Linguistics: Learnability and Linguistic Theory - S24
Topics in Computational Linguistics: Grammars & Representations - F23

Stony Brook — IACS Summer Youth Camp for Computational Linguistics - Sum20
Human Language - Sum17
Writing in Linguistics - W17, W18
Advanced English Academic Writing - S17

### Teaching Assistant

Stony Brook — Computational Linguistics - S21
Language and Technology - F18, F20
Language Acquisition - S18
Human Language - F16

LSA Institute — Computational Phonology - Sum19

CreteLing — Introduction to Phonology - Sum17

HSE — Intro to Cognitive Science - F15, S16

## Grants and Awards

2025 — SJSU VPRI Team Award (co-PI Edgar Bering) - $25,000
'Geometric Structures in Natural Language'

2021 — President's Award to Distinguished Doctoral Students, Stony Brook University

2018 – 2020 — IACS Junior Researcher Fellowship

2017 — Crete Summer School of Linguistics Fellowship

2014 - 2016 — Higher School of Economics Graduate Fellowship

2012 - 2013 — University of Minnesota UROP Grant (Co-PI with Peter Watson). "The Influence of Positive Correction on Phonological Learning"

2011 - 2013 — North Central Electric League Scholarship

2010 - 2013 — Tyer Hill Memorial Scholarship

## Publications and Manuscripts

Note: author ordering is often alphabetical and/or prioritizes student authors

### Journal Articles

*in prep* — **Rawski, Jonathan**, Jeffrey Heinz, Logan Swanson. *Abductive Inference of Phonotactic Constraints*

*in prep* — Li, Amy and **Jonathan Rawski**. *Regular Reduplication Across Modalities*

*accepted* — Heinz, Jeffrey and **Jonathan Rawski** *You can't Be Neutral on a Moving Train: Commentary on Futrell & Mahowald 2025* Behavioral & Brain Sciences

*to appear* — Swanson, Logan, **Jonathan Rawski**, Jeffrey Heinz. *Phonotactic Learning with Structure, not Statistics.* Linguistic Inquiry

2025 — Strobl, Lena, Dana Angluin, David Chiang, **Jonathan Rawski**, Ashish Sabharwal. *Transformers as Transducers.* Transactions of the Association for Computational Linguistics (TACL)

2024 — Levenstein, Daniel, Aniello De Santo, Saskia Heijnen, Manjari Narayan, Freek J.W. Oude Maatman, **Jonathan Rawski**, Cory Wright. *The problem-ladenness of theory.* Computational Brain and Behavior

2023 **Rawski, Jonathan**, Hossep Dolatian, Jeffrey Heinz and Eric Raimy. *Regular and Polyregular Theories of Reduplication.* Glossa

2021 Lambert, Dakotah, **Jonathan Rawski**, and Jeffrey Heinz. *Typology Emerges from Simplicity in Representations and Learning.* Journal of Language Modeling.

2021 **Rawski, Jonathan**, William Idsardi, and Jeffrey Heinz. *Comment on "Nonadjacent Dependency Processing in Monkeys, Apes, and Humans".* Science Advances

2021 Aronoff, Mark, **Jonathan Rawski**, and Wendy Sandler. *Talk Isn't So Cheap.* Inference.

2020 De Santo, Aniello and **Jonathan Rawski**. *What Can Formal Language Theory Do for Animal Cognition Studies?* Royal Society Open Science

2019 **Rawski, Jonathan** and Jeffrey Heinz. *No Free Lunch in Linguistics or Machine Learning: Reply to Pater.* Language, 95(1)

## Paper-reviewed Conference Proceedings

in review Yang, Andy, Anej Svete, Jiaoda Li, Anthony Lin, **Jonathan Rawski**, Ryan Cotterell, David Chiang. *Probability Distributions Computed by Hard Attention Transformers.* ICLR 2026

2024 Sun, Zhouyi and **Jonathan Rawski**. *Tensor Product Representations of Regular Transductions.* Proceedings of the Society for Computation in Linguistics, vol. 7

2024 Li, Amy and **Jonathan Rawski**. *Regular Reduplication Across Modalities.* Proceedings of the Society for Computation in Linguistics, vol. 7.

2022 Valvoda, Josef, **Jonathan Rawski**, Naomi Saphra, Ryan Cotterell, Adina Williams. *Benchmarking Compositionality with Formal Languages.* Proceedings of COLING 2022

2021 Dolatian, Hossep, Jeffrey Heinz, and **Jonathan Rawski**. *Strong Generative Capacity of Morphological Processes.* Proceedings of the Society for Computation in Linguistics, volume 4. Association for Computational Linguistics.

2020 Nelson, Max, H. Dolatian, **J. Rawski**, B. Prickett. *Probing RNN Encoder-Decoder Generalization of Subregular Functions using Reduplication.* Proceedings of the Society for Computation in Linguistics, volume 3. Association for Computational Linguistics

2020 Dolatian, Hossep and **Jonathan Rawski**. *Multi-Input Strictly Local Functions for Templatic Morphology.* Proceedings of the Society for Computation in Linguistics, volume 3. Association for Computational Linguistics

2020 **Rawski, Jonathan** and Hossep Dolatian. *Multi-Input Strictly Local Functions for Tonal Phonology.* Proceedings of the Society for Computation in Linguistics, volume 3. Association for Computational Linguistics

2019 **Rawski, Jonathan**. *Tensor Product Representations of Subregular Formal Languages.* Proceedings of the International Joint Conference on Artificial Intelligence (IJCAI) workshop on Neural-Symbolic Learning and Reasoning

2019 Chandlee, Jane, R. Eyraud, J. Heinz, A. Jardine, **J. Rawski**. *Learning with Partially Ordered Representations.* In Proceedings of the 16th Meeting of on the Mathematics of Language (SIGMOL 2019), Association for Computational Linguistics (ACL).

## Abstract-reviewed Conference Proceedings

2021 Koser, Nate, Hossep Dolatian, **Jonathan Rawski**, and Kristina Strother-Garcia. *Computational Restrictions on Iterative Prosodic Processes.* Proceedings of the Annual Meeting on Phonology.

2019 Dolatian, Hossep, **Jonathan Rawski**. *Finite-State Locality in Semitic Root-and-Pattern Morphology.* Proceedings of the 43rd Penn Linguistics Conference

2019 Chandlee, Jane, R. Eyraud, J. Heinz, A. Jardine, **J. Rawski**. *How the Structure of the Constraint Space Enables Learning.* Proceedings of the Society for Computation in Linguistics. Association for Computational Linguistics

2018 De Santo, A., **J. Rawski**, and J.E. Drury. *Quantified Sentences as a Window Into Prediction and Priming: An ERP Study.* Proceedings of the 54th Meeting of the Chicago Linguistics Society

2018 **Rawski, Jonathan**. *Subregular Complexity Across Speech and Sign.* Proceedings of the Society for Computation in Linguistics

2017 **Rawski, Jonathan**. *Phonological Complexity Across Speech and Sign.* Proceedings of the 53rd Meeting of the Chicago Linguistics Society

## Peer-Reviewed Book Chapters

*to appear* Chandlee, Jane, Jeffrey Heinz, Adam Jardine, **Jonathan Rawski**, and Jason Riggle. *Learnability.* in Nasukawa, Samuels, Schwartz, Torkenczy (ed.), Wiley-Blackwell Companion to Phonology.

*to appear* **Rawski, Jonathan**. *Compound Reduction in Signed Phonology.* in J. Heinz (ed.), Doing Computational Phonology.

2024 Alena Aksenova, **Jonathan Rawski** Jeffrey Heinz, Thomas Graf. *The Computational Power of Harmony.* in Harry van der Hulst (ed.), The Oxford Handbook of Vowel Harmony.

2022 Heinz, Jeffrey and **Jonathan Rawski**. *Learnability.* in B. Elan Dresher and Harry van der Hulst (eds.), The Oxford Handbook of the History of Phonology.

2022 De Santo, Aniello and **Jonathan Rawski**. *Mathematical Linguistics and Cognitive Complexity.* in Danesi, Marco (ed.), The Springer Handbook of Cognitive Mathematics.

2022 Bakovic, Eric, Jeffrey Heinz, and **Jonathan Rawski**. *Phonological abstraction in the mental lexicon.* in Lila R. Gleitman, Anna Papafragou (ed.), The Oxford Handbook of the Mental Lexicon.

## Manuscripts

2024 Chiang, David and **Jonathan Rawski** and Lena Strobl and Andy Yang. *Expressivity of Transformers: Logic, Circuits, and Formal Languages.* Coursebook, ESSLLI

2023 **Rawski, Jonathan** and Lucie Baumont. *Modern Language Models Refute Nothing.* Lingbuzz (Downloads: $> 6500$, citations: 21)

2022 **Rawski, Jonathan**. *Computational Locality in Signed Phonology*

2022 Dolatian, Hossep and **Jonathan Rawski**. *Computational Locality in Nonlinear Morpho-phonology*

# Presentations

## Invited Lectures

2026, Mar *Learning with Partially Ordered Representations*
Linguistics Colloquium, University of Utah

2026, TBD *What Kind of Computation is Language*
Distinguished Visiting Speaker Lecture, CSU Northridge

2025, July Invited Discussant and Participant
Dagstuhl Institute Symposium on *Theory of Neural Language Models*

2025, Jun *Expressivity of Transformers: Logic, Circuits, and Formal Languages (5 Lectures)*
PhD Open Lecture Series, University of Warsaw

2025, Apr *Mathematical Structures in Linguistics*
Mathematics Colloquium, St. Mary's College

2025, Feb *The Computational Nature of Linguistic Copying*
University of Wisconsin Madison Language Sciences Colloquium

2025, Feb *The Computational Nature of Linguistic Copying*
University of Nevada Linguistics Colloquium

2024, Dec *Rethinking Poverty of the Stimulus*
Institut Jean Nicod, Ecole Normale Superieure

2024, Nov Linguistic Functions from Finite Semigroups
Mathematics Seminar, CalTech

2024, Oct *Mathematical Structures in Linguistics*
Mathematics & Statistics Colloquium, San Jose State University

2024, May *Rethinking Poverty of the Stimulus*
Workshop on Theoretical Phonology, Concordia University

2024, May *Transductive Linguistics Redux*
Computational Linguistics Lecture Series, CUNY

2024, Apr *Mathematical Linguistics and Cognitive Complexity*
Linguistics Colloquium, Rutgers University

2024, Jan *Abductive Inference of Phonotactic Constraints*
Atelier de Phonologie, CNRS

2024, Jan *Learning (Sub)regular Transformations*
Automata Seminar, Institut de Recherche en Informatique Fondamentale, CNRS

2023, Nov *Computational Properties of Language*
Guest Lecture, Linguistics Department, Harvard University

2023, Sep *Rethinking Poverty of the Stimulus*
Cognitive Science Colloquium, University at Buffalo

2023, Sep *Rethinking Poverty of the Stimulus*
Language and Cognition Colloquium, Harvard University

2023, May *Learning Subregular Transformations*
Dagstuhl Instute Symposium on *Regular Transformations*

2023, May *Rethinking Poverty of Stimulus*
Linguistics Colloquium, UC Irvine

2023, May *Rethinking Poverty of Stimulus*
UCLA Psycholinguistics Seminar

2023, Apr *Abductive Inference of Phonotactic Constraints*
Stanford P-Interest Seminar

2023, Jan *Regular & Polyregular Functions and Transformers*
Formal Languages and Neural Networks (FLaNN) Seminar

2022, Oct *Generative Capacity & the Linguistic Swampland*
Linguistics Colloquium, UC Davis

2022, Jun *Generative Capacity & the Linguistic Swampland*
LINGUAE Seminar, Ecole Normale Superieure

2022, Jun *Robustness in Sequential Pattern Learning Experiments*
Department d'Etudes Cognitives, Ecole Normale Superieure

2022, Apr *Three Mathematical Lessons about Language Learning*
Guest Lecture, University of Utah

2022, Mar *Language Emerges from Computability*
Computer Science Dept, San Jose State

2021, Sep *Finite-State models and distributed computation in phonology*
Guest Lecture, UC Berkeley Linguistics Department

2021, Sep *Abductive Learning of Phonotactic Constraints*
UC Berkeley Linguistics Phorum

2021, Sep *Typology Emerges from Computability*
NLP Research Group, Monash University

2021, Jun *Typology Emerges from Computability*
Association for Computational Linguistics Special Interest Group on Typology (SIGTYP) Lecture Series

2020, Feb *Understanding Machine Learning with Language and Tensors*
*What Do Formal Languages Tell Us About Cognition?*
*Phonology and the Chomsky Hierarchy* (2 Lectures)
Concordia University, Montreal

2019, Nov *Understanding Machine Learning with Language and Tensors.*
Dept. of Physics and Astronomy, Stony Brook University

2019, May *Subregular Morphology: Structures, Grammar, and Learning.*
Computational Psycholinguistics Group, Waseda University, Tokyo, Japan

2019, May *The Logical Nature of Phonology Across Speech and Sign.*
Linguistics Department, New York University

2019, Mar *How the Structure of the Constraint Space Enables Learning.*
L'UFR Linguistique, Université Paris 7 Diderot

2018, Nov *Learning with Partially Ordered Representations.*
IACS Seminar Series, Stony Brook University

2018, Oct *The Computational Nature of Phonology Across Speech and Sign.*
*How the Structure of the Constraint Space Enables Learning.*
Linguistics Department, University of Connecticut

2018, Mar *The Logical Complexity of Phonology Across Speech and Sign.*
Institut Jean Nicod, Ecole Normale Superieure

2016, Nov *Homeostatic Reinforcement Learning for Harmonic Grammars.*
Linguistics Department, Massachusetts Institute of Technology

2016, April *Homeostasis in Harmonic Grammar*
Laboratoire de Neurosciences Cognitives, Ecole Normale Superieure

2013, April *Neuroplasticity and Second-Language Learning*
Linguistics Colloquium, University of Minnesota

## Conference and Workshop Talks

2024, Jun Li, Amy and **Jonathan Rawski**. *Regular Reduplication Across Modalities.* Society for Computation in Linguistics.

2022, Oct **Rawski, Jonathan** and Jeffrey Heinz. *BUFIA: Phonotactic Learning with Non-statistical Abductive Inference.* Tutorial given at Annual Meeting on Phonology

2022, Sep **Rawski, Jonathan** and Lucie Baumont. *Phonology and the Linguistic Swampland.* Stony Brook Workshop on Model Theoretic Representations in Phonology

2021, Jan Dolatian, Hossep, Jeffrey Heinz, and **Jonathan Rawski**. *Strong Generative Capacity of Morphological Processes.* Society for Computation in Linguistics

2020, Sep **Rawski, Jonathan** and Jeffrey Heinz. *What Does "Simplicity" Mean in Grammar Learning?.* Northeast Computational Phonology Circle.

2020, Jan Nelson, Max, H. Dolatian, **J. Rawski**, B. Prickett. *Probing RNN Encoder-Decoder Generalization of Subregular Functions Using Reduplication.* Society for Computation in Linguistics

2020, Jan Dolatian, Hossep and **Jonathan Rawski**. *Multi-Input Strictly Local Functions for Templatic Morphology.* Society for Computation in Linguistics

2019, Nov **Rawski, Jonathan**. *Tensor Product Representations of Subregular Constraints.* Northeast Computational Phonology Circle, Rutgers University.

2019, Aug **Rawski, Jonathan**. *Tensor Product Representations of Subregular Formal Languages.* 14th Neural-Symbolic Learning and Reasoning Workshop at the International Joint Conference on Artificial Intelligence (IJCAI), Macau.

2019, July **Rawski, Jonathan**, Aniello de Santo, Thomas Graf, Jeffrey Heinz. *Geometric Representations of Linguistic Structures and Computations.* Annual Meeting of the Society for Mathematical Psychology, Montréal, Canada.

2019, July Jane Chandlee, Remí Eyraud, Jeffrey Heinz, Adam Jardine, **Jonathan Rawski**. *Learning with Partially Ordered Representations.* 16th Meeting on the Mathematics of language (SIGMOL 2019). Toronto.

2019, June Jane Chandlee, Remí Eyraud, Jeffrey Heinz, Adam Jardine, **Jonathan Rawski**. *Learning with Partially Ordered Representations.* University of Reykjavik, Iceland. Workshop on Learning and Automata (LearnAut) at the ACM/IEEE Symposium on Logic in Computer Science (LICS 2019).

2019, May **Rawski, Jonathan**. *Grammars, Structures, and Learning with Sparse Data.* Stony Brook-Tokyo Institute of Technology Joint Meeting. Tokyo.

2019, May Jane Chandlee and **Jonathan Rawski**. *Learning with Locality Across Speech and Sign.* Workshop on Rules and Learning Strategies Across Spoken and Signed Language at the 43rd Generative Linguistics in the Old World Conference. Oslo.

2019, May Dolatian, Hossep and **Jonathan Rawski**. *The Computational Nature of Templatic Morphology.* 4th American International Morphology Meeting. New York.

2019, Apr Dolatian, Hossep and **Jonathan Rawski**. *The Computational Nature of Templatic Morphology.* Phonology in the NorthEast. Yale University

2019, Apr Dolatian, Hossep, **Jonathan Rawski**, Sedigheh Moradi. *Computational Implementation of Semitic Template Matching.* Annual Symposium on Arabic Linguistics. Toronto.

2019, Mar Dolatian, Hossep, **Jonathan Rawski**, Sedigheh Moradi. *The Computational Nature of Templatic Morphology.* 43rd Penn Linguistics Conference. UPenn, Philadelphia.

2018, Nov **Rawski, Jonathan**, Jane Chandlee, Remí Eyraud, Jeffrey Heinz, Adam Jardine. *How the Constraint Space Structure Enables Learning.* NorthEast Computational Phonology Circle. MIT, Boston.

2018, July Graf, Thomas, A. Aksenova, A. de Santo, H. Dolatian, **J. Rawski**, S. Yang, J. Heinz. *Tiers and Relativized Locality Across Language Modules.* Parallels Between Phonology and Syntax Workshop. Meertens Institut, Amsterdam.

2018, May **Rawski, Jonathan**, Jeffrey Heinz, Adam Jardine, Jane Chandlee. *How the Constraint Space Structure Facilitates Learning.* 10th North American Phonology Conference. Concordia University, Montreal.

2018, Apr De Santo, A., **J. Rawski**, and J.E. Drury. *Quantified Sentences as a Window into Prediction and Priming: An ERP Study.* Talk. The 54th Annual Meeting of the Chicago Linguistic Society. University of Chicago.

2018, Mar **Rawski, Jonathan**. *Pirates & Publishers.* Conference on The Social Responsibility of Intellectuals, New School for Social Research

2017, May **Rawski, Jonathan**. *Phonological Complexity is Subregular: Evidence from Sign Language.* Talk. The 53rd Annual Meeting of the Chicago Linguistic Society. University of Chicago.

2016, Dec **Rawski, Jonathan**. *Homeostatic Reinforcement Learning for Harmonic Grammars.* Talk. SYNC Conference, CUNY

2013, April **Rawski, Jonathan**. *Neuroplasticity in Second Language Learning.* Talk. Minnesota Undergraduate Linguistics Symposium, St. Olaf University

## Conference Posters

2025, Jul Strobl, Lena, Dana Angluin, David Chiang, **Jonathan Rawski**, Ashish Sabharwal. *Transformers as Transducers.* Association for Computational Linguistics (ACL 2025)

2024, Nov Swanson, Logan, **Jonathan Rawski**, and Jeffrey Heinz. *Phonotactic Learning and Constraint Selection without Statistics.* Annual Meeting on Phonology, Rutgers University.

2024, Jun Sun, Zhouyi and **Jonathan Rawski**. *Tensor Product Representations of Regular Transductions.* Society for Computation in Linguistics.

2020, Sep Koser, Nate, Hossep Dolatian, **Jonathan Rawski**, and Kristina Strother-Garcia. *Computational Restrictions on Iterative Prosodic Processes*. Annual Meeting on Phonology, UC Santa Cruz.

2020, Jan **Rawski, Jonathan** and Hossep Dolatian. *Multi-Input Strictly Local Functions for Tonal Phonology*. Proceedings of the Society for Computation in Linguistics, volume 3.

2019, Oct Dolatian, Hossep and **Jonathan Rawski**. *Computing Tone: Input Strict Locality over Multiple Inputs*. Annual Meeting on Phonology, Stony Brook University.

2019, Jan **Rawski, Jonathan**, Jeffrey Heinz, Adam Jardine, Jane Chandlee. *How the Structure of the Constraint Space Enables Learning*. Poster. Society for Computation in Linguistics Meeting, New York City

2018, May **Rawski, Jonathan**, Jeffrey Heinz, Adam Jardine, Jane Chandlee. *Learning Within Linguistically Structured Constraint Spaces*. Joint Science Meeting, Stony Brook University.

2018, Jan **Rawski, Jonathan**. *Subregular Complexity Across Speech and Sign*. Poster. Society for Computation in Linguistics Meeting, Salt Lake City

2017, Nov De Santo, A., **J. Rawski**, and J.E. Drury. *ERP effects for quantifier complexity, priming, and truth-value in an auditory/visual verification task*. Society for the Neurobiology of Language Annual Meeting, Baltimore.

2017, Sept **Rawski, Jonathan**, A. de Santo, and J. Heinz. *Reconciling Minimum Description Length with Grammar-Independent Complexity Measures*. Poster. MIT Workshop on Simplicity in Grammar Learning

2015, June **Rawski, Jonathan**. *A Homeostatic Space for Optimality Theoretic Grammars*. Poster. Pronouns: Syntax, Semantics, Processing Conference, Moscow

2013, Aug **Rawski, Jonathan**. *The Influence of Feedback On L2 Phonology Learning*. Poster. UROP Summer Symposium, University of Minnesota

# Leadership, Service, and Affiliations

## Journal Reviews

2024 Morphology

2023 NLLT

2022 Phonology, Computational Linguistics, TACL

2021 Biology

2020 Journal of Linguistics, Journal of Language Modeling

2019 Phil. Trans. Royal Society B: Biological Sciences

2018 Language

## Conference and Grant service

2023,2024 Reviewer, NSF Proposals

2024 Organizer, LSA Special Session on "Formal Language Theory in Phonology and Morphology

2023 Program Committee, Association for Computational Linguistics (ACL)

2023 Program Committee, International Conference on Grammatical Inference (ICGI)

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|---|---|
| 2022 | Area Chair, International Conference on Computational Linguistics (COLING) |
| 2022,2023 | Program Committee, ACL Special Interest Group on Computational Morphology and Phonology (SIGMORPHON) |
| 2020-2022 | Program Committee, Conference on Natural Language Learning (CoNLL) |
| 2020 | Reviewer, Cognitive Science Society Annual Meeting |

## Department/University

### SJSU

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|---|---|
| 2024-present | Director/Coordinator, MSc program in Computational Linguistics |
| 2024-present | President's Advisory Committee on AI |
| 2024-present | Cross-department Curriculum Committee for BSc and MSc in Computational Linguistics programs |
| 2022-2023 | College Curriculum Committee |
| 2022-2023 | LLD Student Association faculty advisor |
| 2021-present | LLD Department Curriculum Committee |
| 2021-present | LLD Department Student Advisor |
| 2021-2023 | Lead, Planning Committee for new MSc program "Computational Linguistics" |
| 2021-2023 | Planning Committee for new BSc program "Computer Science & Linguistics" |
| 2021,2024 | LLD Department Hiring Committee |

### Stony Brook

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|---|---|
| 2018-2020 | Student President, Institute for Advanced Computational Science |
| 2018 | Organizer, Stony Brook-Yale-NYU-CUNY (SYNC) Conference |
| 2017 - 2018 | Organizer, Mathematical Linguistics Reading Group |
| 2017 | Organizer, Northeast Computational Phonology Workshop |
| 2017 | Organizer, Linguistics Colloquium Series |

## Students Supervised

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|---|---|
| Lena Strobl | Master's Thesis on , Spring 2024 |
| Lena Strobl | Visiting PhD Student at MIT, Spring 2024 |
| Andre Domingo | SJSU undergrad project "Learning Polyregular Functions with Transformers" |
| Alexey Genzel | High School project "Language Ideology and Criticism in the Constructed Language Community" (accepted as poster at LSA 2023) |

## Community Service

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|---|---|
| 2017-2021 | Volunteer, Community Solidarity Association Long Island<br>Organized food redistribution from local groceries to local homeless shelters and people in need |

## Professional Memberships

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|---|---|
| 2019-Present | Society for Mathematical Psychology |
| 2017-Present | Linguistic Society of America |
| 2017-2021 | Society for the Neurobiology of Language |