# **ANDREY (ANDREI) ANTONENKO**

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### Experience

### 02/17/2014-present

Assistant on Academic Analytics and Assessment , Office of the Provost Stony Brook University

100 Nicolls Rd, Stony Brook, NY 11794

Supervisor: Dr. Stella Tsirka, Professor, Pharmacology; Vice Provost for Faculty Affairs, ph. 631-632-4366

- Analysis of data related to higher education: Data manipulation using R/Javascript/Google Script. Data visualization.
- Faculty awards analysis.
- Development of algorithms for rankings of academic programs and departments.
- Development of models for physical space usage.
- Analysis of data on ethnic/gender diversity. Work on diversity issues in higher education and determining bottlenecks to increasing faculty and student diversity.
- Analysis of a gender/ethnicity gaps in metrics related to faculty: salary, time to promotion/tenure, etc.
- Website development (HTML, XML, XSLT).
- Assistance with technical support during events and conferences.
- Teaching undergraduate and graduate courses in the field of Linguistics (taught LIN 200 "Language in the USA", LIN 311 "Syntax").
- Development of Online Curriculum for Linguistics (LIN 200 "Language in the USA", LIN 101 "Human Language")

### 03/22/2013-02/16/2014

Postdoctoral Research Associate, Department of Linguistics

Stony Brook University

100 Nicolls Rd, Stony Brook, NY 11794

Supervisor: Dr. Richard K. Larson, Professor, Chair, Linguistics, ph. 631-632-7778

Work on theoretical syntax, in particular anaphora resolution and pronominal references. Investigation of
conditions which influence the choice of potential reference for pronouns and reflexives, based on
syntactic and morphological data within a sentence: tense, mood, presence of other noun phrases, local
conditions.

#### 03/13/2013-09/30/2013

Research Scientist, Applied Biomathematics

100 North Country Road, Setauket, NY 11733, USA

Supervisor: Dr. Lev Ginzburg, President, ph. 631-751-4350

- Linguistic research on semantics and pragmatics of number approximators and hedges in natural language using statistical analysis of experimentally obtained data (R, Python, C++).
- Conducting surveys on usage of numeric approximators and hedges via Amazon Mechanical Turk.

#### 05/28/2013-08/15/2013

Lecturer, Department of Linguistics

Stony Brook University

100 Nicolls Rd, Stony Brook, NY 11794

Supervisor: Dr. Richard K. Larson, Professor, Chair, Linguistics, ph. 631-632-7778

- Teaching LIN 200 "Language in the USA"
- Teaching LIN 425/541 "Bilingualism" (co-taught with Aydogan Yanilmaz)

#### 08/20/2005-08/16/2012

Teaching Assistant, Research Assistant, Department of Linguistics

Stony Brook University

100 Nicolls Rd, Stony Brook, NY 11794

Supervisor: Dr. John F. Bailyn, Associate Professor, Graduate Program Director, Linguistics, ph. 631-632-7779

- Course Instructor for LIN 356 "Language and Life in Selected Area of Europe: Russia", LIN 425/541
   "Bilingualism" (co-taught with Prof. Heejeong Ko), LIN 621 "Graduate Syntax" (co-taught with Prof. John F. Bailyn)
- Teaching Assistant for LIN 211 "Syntax", LIN 431 "Structure of Uncommonly Taught Language: Turkana", LIN 200 "Language in the USA", LIN 346 "Introduction to Semantics", LIN 301 "Phonology", LIN 101 "Introduction to Linguistics".

Supervisor: Dr. Ellen Broselow, Professor, Linguistics, ph. 631-632-7780

- Project: "Perception and Production of Foreign Language Sequences".
- Developing and maintaining a website for the project.
- Analysis phonetic data.

Supervisor: Dr. Alice C. Harris, Professor, Linguistics, ph. 631-632-7758 (now at Mass Amherst, ph. 413-577-0938)

- Work on morphosyntax of Daghestanian Languages.
- Work on historical and diachronic morphosyntax of Archi language.
- Fieldwork in Archib, Russia on multiple exponence in Archi language
- Analysis of data collected during the field trip.

### 01/11/2012-12/20/2012

Graduate Assistant, Language Learning Research Center (LLRC)

Stony Brook University

100 Nicolls Rd, Stony Brook, NY 11794

Supervisor: Dr. Sarah Jourdain, Assistant Professor, European Languages, Literatures, and Cultures, ph. 631-632-7440

- Development and maintenance of LLRC website
- Coordination of Language Diversity lecture series
- Creation of promotional materials and press releases.

## 08/18/2011-12/20/2012

Teaching Assistant, Department of Asian and Asian American Studies

Stony Brook University

100 Nicolls Rd, Stony Brook, NY 11794

Supervisor: Dr. John F. Bailyn, Associate Professor, Graduate Program Director, Linguistics, ph. 631-632-7779

- Teaching Assistant for AAS 201 "Introduction to the Civilizations of the Indian Subcontinent"
- Teaching Assistant for AAS 221 "China: Science and Civilization"

#### 08/30/2010-12/20/2010

Teaching Assistant, Department of Psychology

Stony Brook University

100 Nicolls Rd, Stony Brook, NY 11794

Supervisor: Dr. Marie Huffman, Associate Professor, Graduate Program Director, Linguistics, ph. 631-632-1388

Teaching Assistant for PSY 103 "Introduction to Psychology" (Fall 2010, Prof. Anne Moyer)

#### 09/06/2006-12/23/2006

Teaching Assistant, Department of Mathematics

Stony Brook University

100 Nicolls Rd, Stony Brook, NY 11794

Supervisor: Dr. Alice C. Harris, Professor, Graduate Program Director, Linguistics, ph. 631-632-7758 (now at Mass Amherst, ph. 413-577-0938)

• Teaching Assistant for MAT 125 "Calculus I" (Fall 2006, Prof. Dror Varolin)

#### 08/17/2000-08/19/2005

Teaching Assistant, Research Assistant, Department of Applied Mathematics and Statistics Stony Brook University

100 Nicolls Rd, Stony Brook, NY 11794

Supervisor: Dr. Woo-Jong Kim, Professor, Graduate Program Director, Applied Mathematics and Statistics, ph. 631-632-8354 (deceased)

- Teaching Assistant for AMS 200 "Elementary Linear Algebra", AMS 311 "Probability Theory", AMS 315 "Data Analysis"
- Course Instructor for AMS 210 :Linear Algebra", AMS 410 "Actuarial Mathematics", AMS 311 "Probability Theory" (Spring 2005), AMS 201 "Elementary Linear Algebra".

Supervisor: Dr. Joseph S. B. Mitchell, Professor, Applied Mathematics and Statistics, ph. 631-632-8366

Research in Computational Geometry.

Supervisor: Dr. W. Brent Lindquist, Professor, Applied Mathematics and Statistics, ph 631-632-8361 (now at Texas Tech University, ph. 806-742-3833)

- Statistical analysis and modeling of porous media (C/C++, SPSS).
- Development of C++ library for an existing software package for computing statistical distributions of various characteristics of porous media.

### Education

Stony Brook University, Stony Brook NY — Ph.D. in Linguistics, Dec 20, 2012

- Advisor: John F. Bailyn
- Dissertation title: "Feature-Based Binding and Phase Theory"

Stony Brook University, Stony Brook NY - M.Sc in Applied Mathematics and Statistics, May 17, 2002

Area of Specialization: Operations Research, Statistics, Data Analysis

Moscow State University, Moscow, Russia - Diploma in Mathematics, June 2000

Area of Specialization: Higher Algebra

### Research Interests

- Higher education: Data analysis in higher education, Rankings of academic programs. Metrics of faculty productivity. Diversity in Higher Education.
- Syntax: Architecture of the grammar, Minimalism, Binding theory, Locality, Long-distance phenomena in syntax, Phase theory, Word order, Scrambling, Agreement, Slavic syntax, Caucasian syntax, Austronesian syntax, Tense
- Semantics: Event semantics, Semantic approaches to binding theory and reflexivity
- Morphology: Morphology of agreement, Computational morphology, Morphological typology, Caucasian morphology

### **Publications**

Books and Edited Volumes:

2008 Formal Approaches to Slavic Linguistics: The Stony Brook Meeting (ed) (with John F. Bailyn and Christina Y. Bethin). Ann Arbor: Michigan Slavic Publications.

#### Articles:

(Submitted) "Predicate Doubling in Russian: One Process or Two?" The Proceedings of FASL 27.

2018 "Principle A and Feature Valuation." Proceedings of Linguistic Society of America 3. 37:1-15.

- 2015 "Natural language of uncertainty: numeric hedge words." *International Journal of Approximate Reasoning*, vol. 57, pp 19-39 (with S. Ferson, J. O'Rawe et al)
- 2012 "Multiple base(s) of Russian Imperatives." The Proceedings of FASL 19.
- 2011 "Non-canonical Case Patterns in Accusative and Ergative Paradigms" *GLOW in Asia.* (with J. Sun). Accessible at: <a href="http://faculty.human.mie-u.ac.jp/~glow\_mie/glow\_workshop\_index.html">http://faculty.human.mie-u.ac.jp/~glow\_mie/glow\_workshop\_index.html</a>
- 2011 "Crosslinguistic Approach to Double Nominative and Biabsolutive Constructions: Evidence from Korean and Daghestanian." *Proceedings of SICOGG 13.* (with J. Sun)
- 2011 "Binding by Phases: Principle A in Russian." In P. Kosta and L. Schürcks, Formalization of Grammar in Slavic Languages: Contributions of the Eighth International Conference on Formal Description of Slavic Languages - FDSL VIII 2009. Frankfurt am Main, Berlin, Bern, Bruxelles, New York, Oxford, Wien: Peter Lang.
- 2011 "Language Contact and the Origins of Multiple Exponence in Archi Pronouns." *Languages and cultures in the Caucasus : papers from the International Conference* "Current Advances in Caucasian Studies", Macerata, January 21 23, 2010, pp. 223-244. (with Alice C. Harris)
- 2010 "Partial Wh-movement in Kashmiri." *Universal Grammar and Individual Languages: The Proceedings of 2010 Seoul International Conference on Linguistics.*
- 2010 "Puzzles of Russian Subjunctives." In Stevens, Jon Scott (Ed.), *University of Pennsylvania Working Papers in Linguistics*: Vol. 16 (1): pp. 1-10. Philadelphia, PA.
- 2010 "Subject obviation and case." In H. Bliss, M. Louie, and M. Schellenberg (eds.), *Proceedings of the Northwest Linguistics Conference 2009*, Vol. 25, 1-14. Vancouver, BC, Canada: University of British Columbia Working Papers in Linguistics.
- 2010 "Multiple Exponence on Archi Pronouns." *LSA Meeting Extended Abstracts 2010*. <a href="http://elanguage.net/journals/index.php/lsameeting/issue/view/134">http://elanguage.net/journals/index.php/lsameeting/issue/view/134</a> (with A Harris)
- 2007 "Indicative/Subjunctive Distinction and its consequences for Long-Distance Scrambling", *Linguistics in the Big Apple: Proceedings of CUNY/SUNY/NYU 8.*

### Conferences and Presentations

- 2019 "Two Types of Predicate Doubling in Russian," *The 93rd Annual Meeting of The Linguistic Society of America*. New York City, NY.
- 2018 "Predicate Doubling in Russian: One Process or Two?" FASL 27: The 27th Annual Workshop on Formal Approaches to Slavic Linguistics. Stanford University, Palo Alto, CA
- 2018 "Principle A and Feature Valuation." *The 92nd Annual Meeting of The Linguistic Society of America.* Salt Lake City, UT.
- 2014 (invited) "Binding Theory and Feature Valuation." NYU Syntax Brown Bag. NYU, New York, NY
- 2011 "Non-canonical Case Patterns in Accusative and Ergative Paradigms." *GLOW in Asia IX Workshop for Young Scholars.* Mie University, Tsu, Japan. (joint poster with Jisung Sun)
- 2011 "A Crosslinguistic Approach to Double Nominative and Biabsolutive Constructions: Evidence from Korean and Daghestanian." SICOGG 13: Seoul International Conference on Generative Grammar. Seoul, Korea (with Jisung Sun)
- 2011 "On phases and Tense Dependency." 29th West Coast Conference on Formal Linguistics. University of Arizona, Tucson, AZ.
- 2010 (invited) "Feature based binding: Phase theory approach." *CUNY Syntax Supper.* CUNY Graduate Center, New York, NY
- 2010 "Multiple Exponence on Archi Pronouns." *The 84th Annual Meeting of The Linguistic Society of America.*Baltimore, MD. (with Alice C. Harris)
- 2010 "Binding and Defective Domains: Principle A by Phase." 20th Colloquium on Generative Grammar. Barcelona, Spain.
- 2010 "Inflectional Base(s) of Russian Imperatives." FASL 19: The 19th Annual Workshop on Formal Approaches to Slavic Linguistics. University of Maryland, College Park, MD.
- 2010 "Morphological Structure of Archi Pronouns." *IMM 14: 14th International Morphology Meeting.* Budapest, Hungary. (with Alice C. Harris)
- 2010 "Partial wh-movement in Kashmiri." SICOL 2010: Seoul International Conference on Linguistics. Seoul, Korea.
- 2009 "Binding by phases: Principle A." *LAGB 2009: The 2009 Annual Meeting of the Linguistics Association of Great Britain.* Edinburgh, UK.
- 2009 "Distributed Agreement in Archi and Other Languages." *Mediterranean Morphology Meeting 7.* Cyprus (with Alice C. Harris)
- 2009 "Distributed Agreement in Archi and Other Languages." *Colloquium. University of Massachusetts Amherst* (with Alice C. Harris)
- 2009 "Binding by phases." FDSL 8: The Eighth European Conference on Formal Description of Slavic Languages. Potsdam, Germany.
- 2009 "The Inflectional base(s) of the Russian imperative." The 83rd Annual Meeting of the Linguistic Society of America. Hilton San Francisco, San Francisco, CA.
- 2009 "Russian Subjunctive Puzzles." *The 33rd Penn Linguistics Colloquium.* University of Pennsylvania, Philadelphia, PA.
- 2009 "Subject Obviation and Case." 2009 Northwest Linguistics Conference. University of British Columbia, Vancouver, BC, Canada.
- 2007 (invited) "Subjunctive Clauses in Russian and their properties: obviation, long-distance scrambling", *5th Ohio Graduate Slavic Linguistics Colloquium*, Columbus, OH
- 2007 "Indicative/Subjunctive Distinction and its consequences for Long-Distance Scrambling", *2nd Annual meeting of Slavic Linguistic Society*, Berlin, Germany.

2007 "Graduate Student Organization Surveys and Digital Forum", National Association of Graduate-Professional Students (NAGPS) Northeast Regional Conference. MIT, Cambridge, MA. (joint talk with Alton Frabetti)
 2006 "Indicative/Subjunctive distinction and Long-Distance Scrambling in Russian", CUNY/SUNY/NYU 8
 Miniconference. Stony Brook University, Stony Brook, NY

#### **Awards**

- Stony Brook Online Development Grant, \$60,000 (Co-Pls: M. Aronoff, L. Repetti)
- Stony Brook President's Award for Excellence in Teaching by a Graduate Student, May 2011
- Stony Brook Community Service Leadership Award, May 2007
- The Graduate Student Organization Best Educational Programming Award, May 2007 (for establishing and organizing the Linguistics Lecture Series)
- AMS department excellence in Graduate Student Teaching for Elementary Linear Algebra, Fall 2002

## **Teaching Experience**

Primary Course Instructor, Stony Brook University

- Spring 2019: Syntax II (graduate) (LIN 621)
- Fall 2018: Syntax (LIN 311)
- Spring 2014-Spring 2018: Language and Life in the USA (LIN 200)
- Summer 2013: Bilingualism (LIN 541), Language and Life in the USA (LIN 200)
- Summer 2012: Language and Life in Russia (LIN 356).
- Spring 2011: Syntax II (Graduate) (LIN 621, co-taught with John F. Bailyn)
- Fall 2006: Bilingualism (LIN 541) (co-taught with Heejeong Ko)
- Summer 2006: Bilingualism (LIN 541)
- Summer 2005, Spring 2003, Spring 2002: Linear Algebra (AMS 210)
- Spring 2005: Probability Theory (AMS 311)
- Fall 2004: Actuarial Mathematics (AMS 410)
- Fall 2002: Elementary Linear Algebra (AMS 201)

#### Teaching Assistant, Stony Brook University

- Fall 2012, Fall 2011: Introduction to the Civilization of the Indian Subcontinent (AAS 201), Prof. S.N. Sridhar
- Spring 2012: China: Science and Civilization (AAS 221), Prof. K. Wong
- Fall 2010: Introduction to Psychology (PSY 103), Prof. A. Moyer
- Spring 2010: The Structure of an Uncommonly Taught Language: Turkana (LIN431), Prof. D. Finer, E.
   Broselow
- Fall 2009: Syntax (LIN 211), Prof. D. Finer
- Spring 2008: Introduction to Linguistics (LIN 101), Prof. E. Broselow
- Fall 2007: Language in the USA (LIN 200), Prof. N. Batmanian
- Spring 2007: Phonology (LIN 301), Prof. L. Repetti
- Fall 2006: Calculus I (MAT 125), Prof. D. Varolin
- Spring 2006: Introduction to Semantics (LIN 346), Prof. R. Larson
- Fall 2005: Language in the USA (LIN 200), Prof. C. Cutler
- Summer 2002: Data Analysis (AMS 315), Prof. K. Ye
- Fall 2001: Probability Theory (AMS 311), Prof. S. Finch
- Spring 2001, Fall 2000: Elementary Linear Algebra (AMS 201), Prof. M. Taksar

## Community Service

- 2007-2010: President of the Stony Brook Graduate Linguistics Society
- 2005- 2007: President of the Stony Brook Graduate Student Organization (GSO)
- 2005- 2007: Member of Executive Board of the Stony Brook University Senate
- 2003- 2007: Member of the Graduate Council (Stony Brook University), GSO Budget Committee, GSO Social Concerns Committee, Graduate Council Appeals Committee
- 2006- 2007: Member of Honorary Degrees Selection Committee
- 2006: Graduate Representative, Executive Committee of SUNY Student Assembly
- 2005- 2006: Member of the Presidential Task Force on Campus Climate
- 2005- 2006: Member of the Stony Brook Council
- 2004- 2005, 2007- 2008: Speaker of the GSO Senate
- 2003- 2004: Senator in GSO representing Linguistics Department

## Linguistic Fieldwork

June 2007: Archib, Daghestan, Russia. Work on morphology and syntax of Archi language, PI: Prof. A.C. Harris, Linguistics Department, SUNY Stony Brook

### Other Professional Activities

- Formal Approaches to Slavic Linguistics (FASL) 28 co-organizer (with J. Bailyn and C. Bethin), 2018
- Abstract reviewer for LSA Annual Meeting, Formal Approaches to Slavic Linguistics, SUNY/Yale/CUNY/NYU
  Conference on Linguistics
- Preparing Future Faculty conference, co-organizer, June 2018
- International Conference on Engines for Vehicles, co-organizer, June 2015
- Austronesian Formal Linguistics Association (AFLA) 17 co-organizer (with D. Finer and Y. Lu), May 2007
- Formal Approaches to Slavic Linguistics (FASL) 16 co-organizer (with J. Bailyn and C. Bethin), May 2006
- Linguistics Lecture Series co-organizer (with S. Huidobro), 2006 2012
- Linguistics Colloquium co-organizer (with T. Kawamura), 2005

## Computer Skills

- Mac OS X, Windows, Linux
- Microsoft Word, Excel, Power Point, Visual Basic
- HTML, XML/XSLT, OmniUpdate, Drupal, Google Script
- R. LaTeX, SPSS
- C/C++, Python

#### Languages

- Russian (Native)
- English (Near-native)
- French, Italian, Spanish (Working knowledge)