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קבוצת המחקר הבינתחומית לחקר התפתחות היסטורית וסמנטיקה פורמלית:

קטגוריות משמעות אוניברסליות ודפוסי שינוי משמעות נפוצים

**The interdisciplinary research group on diachrony and formal semantics:  
Universal meaning categories in recurrent patterns of semantic change**

**1. שנות הפעילות**

תשע"ה-תש"פ (אוקטובר 2017-ספטמבר 2020)

**2. החוקרים הראשיים**

נורה בונה, המחלקה לבלשנות, האוניברסיטה העברית בירושלים  
אליצור בר-אשר סיגל, המחלקה ללשון עברית וללשונות היהודים, בית הספר למדעי הלשון,  
האוניברסיטה העברית בירושלים

איתן גרוסמן, המחלקה לבלשנות, בית הספר למדעי הלשון, האוניברסיטה העברית בירושלים  
עינת רובינשטיין, מרכז מגדל סכוליון למחקר רב תחומי במדעי הרוח והיהדות, האוניברסיטה העברית  
בירושלים



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### 3. תקציר

קבוצת המחקר מבקשת לקדם ולהרחיב את ההבנה של טבע השפה אנושית בעזרת שילוב של שני ענפי מחקר בבלשנות שעד כה טרם הוצע שילוב ביניהם: בלשנות היסטורית, העוסקת בשאלות איך שפות משתנות לאורך זמן ומהן הסיבות לשינויים אלו; וסמנטיקה פורמלית, החוקרת את המשמעות הלשונית. שני ענפי המחקר הללו התפתחו מתחומים אינטלקטואליים רחוקים: הראשון בא מהעולם הפילולוגי, ואילו השני מקורותיו נטועים בעולם הלוגיקה המתמטית. לפיכך אין זה פלא שתחומים אלו לא התחברו זה לזה באופן טבעי מבחינת מטרותיהם, שיטות העבודה ושאלות המחקר. במחצית השנייה של המאה ה-20 חלה אמנם התקרבות בין התחומים בשאלות העוסקות בחקר שינויי משמעות וגרמטיקליזציה (התהליך המורכב שבו משמעות דקדוקיות מתפתחות משמעות לקסיקליות). חרף המאמצים הללו שינוי סמנטי עדיין אינו מובן כהלכה, וזאת לאור שלוש סיבות: (1) היעדר בחינת מקרי מבחן ממבחר גדול של שפות; (2) היעדר תיאוריה סמנטית מפורשת העומדת בבסיס הטענות לשינוי סמנטי; (3) הבנה מצומצמת של יחסי הגומלין המתקיימים בין סמנטיקה, פרגמטיקה ותחביר בשינוי לשוני.

תכליתה של קבוצת מחקר זו היא ליצור פרדיגמת מחקר שמשלימה את החוסר הזה. הקבוצה תעבוד בשיתוף פעולה ותבחן בשיטתיות כיצד בכוח שני התחומים - בלשנות היסטורית וסמנטיקה פורמלית - לתרום האחד לשני, מתוך שאיפה להסיק מסקנות על תכונותיהן של מגוון קטגוריות סמנטיות (כדוגמת שלילה, זמן, מודאליות), האוניברסליות שלהן, והמנגנונים העומדים מאחורי הדפוסים המצויים בשינויי המשמעות לאורך זמן הנשנים בתולדות השפות.

לאור זאת, המטרה של הקבוצה המוצעת היא כפולה: (1) לבחון השערות בנוגע למניעים של שינויים סמנטיים והאילווצים הפועלים על סוג שינוי זה; (2) לחקור באיזו מידה שינוי לשוני נוסך אור על טבען של קטגוריות סמנטיות סינכרוניות.

קבוצת המחקר תהיה פורום לשיתוף פעולה בין סמנטיקאים, בלשנים היסטוריים, טיפולוגים, בלשנים תיאורטיים ופילולוגים. השפות שייבחנו כוללות גם שפות מודרניות וגם שפות עתיקות ממספר משפחות נפרדות: שפות שמיות (עברית, ערבית, ארמית, אכדית), מצרית עתיקה וקופטית, שפות רומאניות (למשל, צרפתית, ספרדית, רומנית), שפות גרמאניות (אנגלית, יידיש), שפות אוסטרונזיות (אינדונזית, מיננגקבו). חברי הקבוצה מתמחים בשפות הללו, ואלו הן שפות המתועדות לאורך תקופה ארוכה, כך שאפשר לבחון בדיוקנות את ההיסטוריה שלהן. באופן ספציפי, לשפות המצריות והשמיות יש 4500 שנה של תיעוד. מגוון שפות זה יכול להתרחב בהתאם לתלמידי המחקר שיצטרפו לפרויקט.

מבחינה מתודולוגית, הקבוצה תשתמש בשיטות הבאות: (1) ארגז הכלים של הבלשנות התיאורטית, כלומר שיטות אנליטיות של סמנטיקה פורמלית, פרגמטיקה ותחביר, לצד המתודות העדכניות בחקר הבלשנות ההיסטורית; (2) קורפוסים דיאכרוניים שבאמצעותם ייאספו נתונים בנוגע לאורך כל ההיסטוריה של השפות המתועדות; (3) השוואה טיפולוגית המבקשת לנסח הכללות סינכרוניות על התפוצה של מבנים לשוניים בשפות העולם, ובכך מאפשרת לנסח השערות על אודות תהליכי השינוי שהביאו למבנים המתוארים; (4) סמנטיקה ופרגמטיקה ניסויית, תחום הנמצא בחיתוליו, ודרכו בלשנים חותרים להציג מודל של סוגי המצבים שמשוער שהם האחראים לשינויים בלשון.

המחקר המדובר מבקש לעצב מתודולוגיה חדשה בחקר השפה. אנו סמוכים ובטוחים שלהצעת המחקר שלנו יש מקום טבעי בשערי סכוליון.

## Abstract

The proposed research group sets out to better our understanding of natural language by combining two areas of linguistic research that have not been integrated so far: **historical linguistics**, the study of how and why languages change over time, and **formal semantics**, the study of linguistic meaning. These two subfields have developed from remote intellectual disciplines, the former from the philological world, and the latter from mathematical logic. Rooted in such different backgrounds, these two subfields of linguistics do not naturally converge in terms of their goals, methodologies, and research questions. These subfields of linguistics have drawn closer in the second half of the 20<sup>th</sup> century in the study of semantic change in grammaticalization, i.e., the complex process through which grammatical meanings develop from lexical meanings. Despite these endeavors semantic change is still poorly understood, primarily due to three factors: (1) a lack of in depth case studies from a wide range of languages; (2) a lack of an explicit theory of semantics underlying claims about semantic change; and (3) a poor understanding of the relationship between semantics, pragmatics, and syntax in language change.

Our proposed research group sets out to create a research paradigm that will fill this gap. The group will jointly explore in a systematic manner how studies in historical linguistics and in semantics can contribute to one another, in an attempt to draw conclusions about the properties of a variety of semantic categories (e.g. negation, temporality, modality), their universality, and the mechanisms underlying recurring shifts in meanings over time, or paths of semantic change, within these categories.

Therefore, the goal of the proposed group is twofold: first, to formulate and test hypotheses about the motivations for and constraints on semantic change; and second, to investigate the extent to which language change sheds light on the nature of synchronic semantic categories.

The research group will be a forum for collaboration between semanticists, historical linguists, typologists, theoreticians, and philologists. The languages under investigation will include both modern and ancient languages, from a number of distinct language families: Semitic (in particular, Hebrew, Arabic, Aramaic, and Akkadian), Ancient Egyptian-Coptic, Romance (e.g., French, Spanish, Romanian), Germanic (e.g., English, Yiddish), Austronesian (e.g., Indonesian, Minangkabau). The group members have research expertise in these languages, which, importantly, have a documented historical record that allows study of language change. In particular, Semitic and Egyptian give us a historical perspective of 4500 years of documented texts. Other languages may be added, depending on the research students that will take part in the group's work.

In terms of methodology, the group will employ (i) the toolbox of theoretical linguistics, i.e., the analytical methods provided by contemporary semantics, pragmatics, and syntax, and in addition updated methodologies in historical linguistics (ii) diachronic corpora in order to collect data from historically documented languages; (iii) cross-linguistic comparison (i.e., linguistic typology), which provides inductively valid statements about the distribution of synchronic structures in the world's languages, and thereby, by inference, hypotheses about the distribution of the processes of change that gave rise to the structures; (iv) experimental semantics and pragmatics, which are nascent fields that allow linguists to model, to an extent, the kinds of situations we think are implicated in language change.

The proposed research aims at shaping a new methodology of linguistic investigation. We are confident that this kind of research can find a natural home at Scholion.

## **4. Detailed description**

### **4.1. Definition of the topic**

The current project sets out to improve our understanding of natural language by combining the subfields of historical linguistics and formal semantics.

Concretely, we propose to jointly explore how studies in historical linguistics and in semantics can contribute to one another, in an attempt to draw conclusions about the properties of a variety of semantic categories, their universality, and the mechanisms underlying recurring shifts in meanings, or paths of *semantic change*, within these categories.

Historical linguistics is the branch of linguistics that studies how languages change over time. Its main goal is to describe documented changes in particular languages and to provide explanatory accounts of regularities of change across languages. Semantics, in contrast, focuses on the meaning of linguistic expressions. Formal semantics, more specifically, seeks to provide representations for every linguistic expression and to capture its logical relations to other expressions, explaining – step by step – how the meanings of complex expressions are derived from the meanings of their component parts.

As will become clear below, scholars from the two subfields have different approaches to how languages should be studied and therefore rarely communicate in their scientific work. The purpose of the proposed research group is to bridge this divide. We believe that semantics and historical studies of language can greatly benefit from each other and wish to establish communication between scholars working in these seemingly distant domains. Concretely, it is our goal to first understand:

- (i) How historical evidence may shed light on understanding universal semantic properties of language;
- (ii) How universal semantic properties of language may stand behind specific developments in the history of individual languages.

Our interdisciplinary perspective will in turn, we hope, shed light on central questions in each of the two subfields:

- (i) In semantics: what are the cross-linguistic universals of semantic primitives?
- (ii) In historical linguistics: can we identify universal paths of change, or are changes simply accidents of a particular constellation of place, time, and interlocutors?

Our main focus of research will be what motivates – or constrains – semantic change. Is it something about the inherent semantics of linguistic expressions, or does meaning change because of the ways in which linguistic expressions are used in discourse? In this investigation it will also be crucial to understand the nature of the interaction between semantics and other aspects of language and communication, in particular, syntax (the structure, or form, of linguistic elements) and pragmatics (language use).

Coming from different backgrounds, as some of us work in formal (i.e., generative) linguistics and others work mainly in historical linguistics, it is our hope

that our small community of relatively young scholars will set an example of collaboration between the study of language change and formal semantics of natural language. In the three years of joint work at Scholion, we wish to set the foundations for joint studies that may last for many years, with the potential of distinguishing the linguistic community of the Hebrew University in the international linguistic arena. We believe that the particular research profiles of the scholars involved place us in a unique position to put our mark on this emerging domain of inquiry.

## **4.2. Scientific background**

Historically, formal semantics and historical linguistics, nowadays two sub-disciplines within linguistics, developed from remote intellectual fields.

Historical linguistics developed out of the philological world. Scholars of ancient texts in the early decades of the 19<sup>th</sup> century sought to map the genealogical relationships between ancient languages. They had, therefore, to develop a methodology to account for how languages evolve over time. The Neo-grammarians, who pioneered the methods of historical linguistics, moreover held a positivist approach according to which the object of linguistic inquiry should be the forms of linguistic expressions and not their (semantic) content. As a consequence, research in this tradition tends to explore sound change, change in grammatical forms, and syntactic changes. In the domain of meaning, relatively little has been done. Studies focused primarily on lexical change: changes in the meanings of words, parts of words, and larger expressions. Historical linguistics in the Neo-grammarian tradition, accordingly, focused on properties of individual languages and did not seek to attain generalizations pertaining to general mechanisms of change (see, for example, Hock 1991) or universal categories that hold across languages.

In contrast, formal semantics began at the end of the 19<sup>th</sup> century, with the enterprise of the German mathematician Gottlob Frege, to set the foundations of mathematics on logic. For this purpose, he proposed a new formal way to represent the meaning of propositions. Logic, by its nature, is universal. Accordingly, formal semanticists, in their examination of meaning, aim at understanding the universal logical representation of linguistic expressions in different languages. After the Chomskyan turn that brought formal methods into syntax, the logician Richard Montague proposed a formal approach to semantics that assumes a systematic relation between syntax and semantics. In this approach, natural language is a formal language in the same sense that predicate logic is a formal language. The important feature of the theory is its adherence to the principle of compositionality—that is, the meaning of the whole (e.g., the sentence) is a function of the meanings of its parts (e.g., noun and verb phrases) and their mode of syntactic combination. Naturally, semanticists who hold similar assumptions consider only synchronic data and do not look into the diachrony of the languages they study.

Coming from such different backgrounds, these two subfields of linguistics do not naturally converge in terms of their goals, methodologies, and research questions. However, it is possible to see various ways in which they can draw closer; and indeed, they have. The study of semantic change has evolved, since the second half of the 20<sup>th</sup> century, as an important subfield of historical linguistics, with works that deal explicitly with semantic change in grammaticalization, i.e., the complex process through which grammatical meanings develop from lexical meanings (Bybee et al.

1994, Hopper & Traugott 2003, Narrog & Heine 2011). This research tradition has turned up a large body of data regarding cross-linguistically recurrent patterns of language change. Concomitantly, an interest in recurring patterns of semantic generalizations across languages – semantic universals – has emerged from cross-linguistic research in formal semantics. In the domain of grammaticalization, numerous regularities of change have been identified, and several hard-won insights have been gained: first, there are cross-linguistically recurrent “pathways” of change; second, semantic change often goes hand in hand with phonological and morpho-syntactic change.

However, in order to get at the nitty-gritty of what is actually changing semantically and how this change can plausibly be explained, theories of semantic change can only be developed on the basis of a firm theory of semantics and the semantics-pragmatics division of labor (Eckardt 2009, Grossman & Polis 2014, Traugott & Dasher 2002). Existing theories most often rely on a naïve semantic analysis, and it is therefore only natural to examine whether tools from formal semantics can play a role in grounding the intuitions of historical linguists that ‘meaning’ is what has undergone change.

**The genuine contribution that our research group proposes to make lies here: If the broader question at stake is what constrains or shapes change (i.e. *how* meaning changes), then it is first of all crucial to determine *what* changes, or in other words, what are universal properties of semantic categories that stand the course of time.** In order to do so, we examine whether considerations of development that took place in specific languages affect the semantic analysis of a given semantic phenomenon. In so doing, we will explore whether the history of a language can be relevant to the study of its semantics. For example, if we discover that a certain development affected certain grammatical categories in a language and was blocked in others, it may tell us something about these categories; if we know the historical origin of a certain form that functions at present in a peculiar semantic way, it is worth examining whether its origin reveals something about its current function.

### 4.3. Research plan and interactive activity

The research group will be a forum for collaboration between semanticists, historical linguists, typologists, theoreticians, and philologists. The project concerns several subfields of linguistic inquiry in that historical linguists and philologists as well as, potentially, corpus linguists and experimentalists interact to understand the possible range of motivations of and constraints on language change. The languages under investigation will include both modern and ancient languages, from a number of distinct language families: Semitic (in particular, Hebrew, Arabic, Aramaic, and Akkadian), Ancient Egyptian-Coptic, Romance (e.g., French, Spanish, Romanian), Germanic (e.g., English, Yiddish), Austronesian (e.g., Indonesian, Minangkabau). These are languages in which the group members have research expertise and which, importantly, have a documented historical record that allows study of language change. In particular, Semitic and Egyptian give us a historical perspective of 4500 years of documented texts, with Semitic branching into many dialects that may be explored for the purposes of the group. Other languages may be added, depending on the research students that will take part in the group’s work.

Over the course of three years we intend (I) to create a 'baseline' of shared knowledge of contemporary semantic and historical linguistic theories, (II) to conduct

a number of case studies investigating the role of formal semantics in historical change, and on the basis of these case studies (III) to formulate and test hypotheses regarding recurrent patterns of change and the ways in which syntactic and pragmatic factors are implicated in shaping them.

One or two PIs will lead the investigation of each case study, as detailed below. They will be responsible for introducing all members of the group to the state of the art in research on the topic, from both the formal and the historical literature. In line with the goals of our project, cases will be examined to uncover where a semantic analysis can help provide a better understanding of the historical change, and where the history of given languages can provide a better understanding of the relevant semantic phenomenon. The case studies range over a variety of central conceptual categories that are encoded in the grammar of natural language, including, but not limited to: Negation (Elitzur Bar-Asher Siegal & Aynat Rubinstein); Temporality (Nora Boneh & Eitan Grossman); Modality (Eitan Grossman & Aynat Rubinstein); Reciprocals (Elitzur Bar-Asher Siegal & Aynat Rubinstein); Possession (Elitzur Bar-Asher Siegal & Nora Boneh).

Three representative cases are presented in what follows.<sup>1</sup>

#### a) **Reciprocals**

Reciprocal constructions are often defined as grammatical means for encoding symmetric relations: a relation, like hugging, in which there are two participants A and B, and both A stands in the relation to B and B does to A (Lichtenberk 1985:21, Kemmer 1993:102, Nedjalkov 2007a:6). Reciprocal constructions have received much attention over the last decade, especially within the typological literature (the five volumes of the seminal typological study by Nedjalkov in 2007; Frajzyngier and Curl 2000 and König and Gast 2008, and the following articles: König and Kokutani 2006, Evans *et al.* 2007 and Wierzbicka 2009). They have also received much attention in the formal syntactic literature (Dougherty 1970, 1974, Chomsky 1973, Belletti 1982 and Heim *et al.* 1991) and in the formal semantic literature (Dougherty 1974, Langendoen 1978, Higginbotham 1980, Lichtenberk 1985, Williams 1991, Beck 2001, Filip and Carlson 2001, **Rubinstein 2009**, Winter and Sabato 2012).

Despite an abundance of information, few studies have focused on the diachronic aspects of how reciprocal constructions develop. Some exceptions are Heine and Miyashita (2008), Maslova (2008), Plank (2008), Vezzosi (2010) and Haas (2010). **Bar-Asher Siegal (2011, 2012 and 2014a 2014b)** has studied the evolution of some pronominal constructions from nominal expressions in the Semitic languages.

In this project we focus on a specific puzzle regarding these constructions: It has been repeatedly noted that cross-linguistically the same expressions that encode symmetric relations (e.g., *each other*) express other relations where strong reciprocity is impossible (Fiengo & Lasnik 1973, Dougherty 1974, Lichtenberk 1985, Dalrymple *et al.* 1998, Williams 1991, Beck 2001, Haas 2010, Evans *et al.* 2011). For example, the sentence *They were hiding behind each other* does not express a symmetric relation (if person A is behind B, B cannot be behind A). Typological discussions begin with prototypical symmetric relations and examine which constructions denote them (Lichtenberk 1985, Kemmer 1993) and consequently consider their usage in asymmetric relations as an "extended use of a

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<sup>1</sup> Contributions by members of the proposed research group are marked in bold face.

reciprocal marker" (Nedjalkov 2007a: 9). Based on an examination of the entire range of functions that these constructions fulfill across languages, we would like to pursue the opposite position: that symmetric meanings of reciprocals are an "extended use" of a construction that does not encode symmetry. It is a matter of fact that *most* of the constructions that denote reciprocal constructions do not contain quantifiers (like *each*) or anything that leads directly to a symmetric reading. Therefore, we believe it will be revealing to examine what exactly grammaticalized in these constructions. This may shed light on the diachrony of these constructions and would help us to better understand their semantics.

## b) Modality: Possibility, necessity, and everything in between

Modal expressions constitute the vocabulary of a language that is used to entertain potentially non-actual states of affairs (e.g., what *may* happen tomorrow, or who *must* be the winner). They have been the focus of much formal (Kripke 1959, Lewis 1973, 1981, 1986, Kratzer 1981, 1991, 2012, Veltman 1996, Frank 1996, Condoravdi 2002, Portner 2009, and many others), typological (e.g., Bybee et al. 1994, Narrog 2012), and historical (e.g., Traugott 1989, van der Auwera & Plungian 1998, Warner 1993, Traugott and Dasher 2002) research in recent years, but the results of this research have not yet been integrated into a uniform theory of how modal words are represented semantically across languages and how they change over time. Two specific topics that are ripe for investigation from a more integrative perspective concern *modality types* and *modal strength*.

Recent work on the expression of different modality types (such as deontic, epistemic, or teleological modalities; see Palmer 2001, Portner 2009 for an overview) has suggested that certain types (in particular, epistemic modality) are somehow reflective of properties of speech events, while others (in particular, teleological modality) are anchored to events described in a sentence. As has been pointed out (Rubinstein 2013), this idea has been proposed in different garb in both the formal semantic literature (most recently in Hacquard's event-relativity model; Hacquard 2006, 2010) and the typological-historical literature (Narrog's 2012 orientation dimension of modal meaning). The first goal of this case study is to investigate to what extent these two perspectives converge, specifically by testing the application of the formal model, with its proposed set of universal semantic ingredients, to a wide range of cross-linguistic and historical data on the expression of epistemic and non-epistemic modalities. Taking the analysis a step forward, a second goal is to extend the (unified, formal) model to two domains that remain understudied: (i) the so-called "low" modalities (e.g., ability and circumstantial modalities), and (ii) the volitive modalities (deontic, teleological, and bouletic modalities). Each group seems to form a natural class, as evidenced, for example, in the results of modality annotation tasks (Hacquard & Wellwood 2012, Ruppenhofer & Rehbein 2012, Hendrickx et al. 2012, Rubinstein et al. 2013, Cui & Chi 2013), yet both would be classified formally as anchored to events described in a sentence. Based on an examination of recurring pathways of change between the different categories, we hope to arrive at an extended formal model that will account for the grammatical properties of this wider range of modality types.

A second topic of investigation will be the apparent ability of modal expressions to change their strength, e.g., from expressing possibility to expressing necessity, through history. A well-known example is Old English *\*motan*, the predecessor of



English *must*. This modal seems to have originally been capable of expressing both possibility and necessity, becoming the necessity modal it is today only at a later stage of development (Van Herreweghe 2002, Narrog 2012: 187ff., Yanovich 2013). Hebrew presents צריך *carix* ‘need’ as another interesting test case: a modal that some claim was ambiguous between strong and weak necessity patterns today with strong necessity modals on many tests (Novick 2009, **Rubinstein 2014**). This project will investigate the hypothesis that Hebrew *carix* is a variable-force necessity modal, exploring various theories of variation in force that have recently been developed for modals in other languages (Rullmann et al. 2008, Peterson 2010, Deal 2011, Kratzer 2012, Matthewson 2013, Yanovich 2013). On a broader theoretical level, it will address the question of how – through what mechanisms: syntactic, semantic, or pragmatic – variable-force modals change their strength over time.

### c) Temporality: the Perfect

Another point of convergence between researchers in this project has to do with the complex temporal category ‘Perfect,’ (e.g., English *I have loved*, Latin *amāvī*, Spanish *he amado/acabo de amar*, Coptic *aiouō eisōtm*). This phenomenon is of particular interest in the framework of the proposed project, since it clearly exemplifies how the two subfields of linguistics under discussion can contribute to resolving standing issues.

While typological and historical work on the Perfect has been proliferating (e.g. Bybee & Dahl 1989, Dahl 2000), its formal semantic representation is not a settled issue (McCoard 1977, McCawly 1978, Dowty 1979, Mittwoch 1988, 2009, Klein 1992, 2004, Kamp & Reyle 1993, Kiparsky 1998, Iatridou *et al.* 2001, Katz 2003, Pancheva 2003, Portner 2012, among many others),

Semantically speaking, views diverge as to whether the Perfect is a type of stative, denoting a resultant state or a post-state following an eventuality that occurred prior to it (Perfect as a state, e.g., Kamp & Ryle 1993), or whether, in line with the neo-Reichenbachian view, it introduces an additional temporal interval that is ordered with respect to the eventuality time and the reference time (Extended Now theory, e.g. Dowty 1979, Mittwoch 1988, Iatridou *et al.* 2001). Each of these analyses has a different take on the empirical data regarding the Perfect, e.g., the different readings associated with the Perfect (e.g., the experiential reading *I have lost my glasses before*; the resultative reading *I have lost my glasses (and they are still lost)*; the universal reading *For the past week, I have been losing my glasses*, and whether these readings are grammatically encoded, i.e., semantic, or whether they are rather due to pragmatic inferences. Neither of these views fully account for the context-dependence of the perfect (Portner 2003, 2012).

Historically speaking, Bybee & Dahl (1989) enumerate four typical diachronic sources of the perfect in the languages of the world: (i) copula + past participle; (ii) possessive constructions, involving a past participle (iii) main verb + particle meaning ‘already’; and (iv) constructions involving verbs like ‘finish.’ The first two diachronic sources are, at first glance, compatible with the analysis of the Perfect as a state, and lend support to it. However, this approach to the meaning of the Perfect is unable to account for the entire range of readings related to the Perfect.

Considering the different diachronic sources for the evolution of Perfect forms will highlight the merits and shortcomings of the extant accounts of the semantics of

the Perfect. This has been done, e.g., by **Boneh (2004, 2010)** for Syrian Arabic, in **Bar-Asher Siegal (forthcoming)** for Eastern Aramaic dialects and **Grossman (2009)** for Coptic-Egyptian and (**Grossman in preparation**) for Spanish, both of which explore the pragmatic and semantic mechanisms implicated in the evolution of perfects from source constructions meaning ‘finish’ (item iv above). The findings of this research will be considered in light of the hypothesis proposed as the Universal Perfect Cycle (Dahl 2000, Lindstedt 2000), according to which the first perfect reading that emerges is the resultative one, and only later do the experiential and the universal Perfect readings develop, before becoming a general past tense form compatible with narrative uses. Comparing actual documented pathways of change from a variety of unrelated languages, and involving different types of source constructions, will allow us to evaluate both proposed diachronic universals and to settle open questions about the universality of synchronic semantic structures. For recent work on semantic change involving the Perfect, see also Condoravdi & Deo (2014).

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As these sample cases attest, individual research has already been started by members of the group; however, the convergence of the fields of expertise of the members will significantly broaden and systematize the results. In many cases, each one of us focuses on specific subfields of linguistics, as is usually the case in this field, thus some of the group’s members are expert semanticists, while others have knowledge in syntax, and others in historical linguistics. All of these bodies of expertise are crucial for any attempt to provide a comprehensive answer to the question posed by this research group.

#### **4.4. Defining goals**

An investigation of the type proposed here will have two significant outcomes: (i) a better understanding of the universal properties of semantic categories, (ii) hypotheses regarding recurrent pathways of change, which hopefully, will get us closer to an explanatory theory thereof.

Here is a list of the specific goals emerging from the suggested work plan:

- Empirical/historical coverage of central semantic categories: temporality, modality, negation, possession, reciprocity, definiteness, and more.
- Formulating and testing hypotheses about general mechanisms of semantic change and constraints thereon.
- Gaining insight into the interplay between semantics and pragmatics in historical change, on the one hand, and semantics and syntax, on the other.

#### **4.5. Methodologies**

The methodologies to be employed are first and foremost the toolbox of theoretical linguistics, i.e., the analytical methods provided by contemporary semantics, pragmatics, and syntax.

In addition, we propose to make use of diachronic corpora in order to collect data from historically documented languages. For example, corpus studies are planned

to study the evolution of the Perfect construction in Spanish (on the basis of a 100 million word corpus of Spanish from the 13<sup>th</sup>-20<sup>th</sup> centuries) and modality in Hebrew (utilizing the Ben-Yehuda Project and the annotated corpora available from the Hebrew Language Academy). Computational models of language change that rely on historical corpora will be applied once the relevant data has been acquired (see Yang 2000, Deo 2015, Dubossarsky et al. 2014?).

A third methodology is that of cross-linguistic comparison (i.e., linguistic typology). Linguistic typology provides inductively valid statements about the distribution of synchronic structures in the world's languages, and thereby, by inference, hypotheses about the distribution of the processes of change that gave rise to the structures.

A final methodology is that of experimental linguistics. Experimental semantics and pragmatics are nascent fields that allow linguists to model, to an extent, the kinds of situations we think are implicated in language change (Grossman & Noveck 2014+).

#### **4.6. Description of expected research achievements**

As discussed above, semantic change is still poorly understood, primarily due to three factors: (i) a lack of in depth case studies from a wide range of languages; (ii) a lack of an explicit theory of semantics underlying claims about semantic change; and (iii) a poor understanding of the relationship between semantics, pragmatics, and syntax in language change.

As such, the expected research achievements will essentially involve making progress on the above three fronts:

- Our proposed project will significantly expand the body of theoretically-informed case studies of semantic change, by widening the scope of investigation to new phenomena in a relatively broad range of languages.
- Furthermore, the application of an explicit theory of semantics to the phenomena of semantic change will allow us to propose and test explicit hypotheses about the mechanisms of semantic change.
- By basing our work on an explicit theory of the division of labor between semantics and pragmatics, on the one hand, and semantics and syntax, on the other, our project will allow us to deepen our understanding of the interplay of these aspects of language in historical change.
- Finally, the proposed project will provide a better understanding of a largely neglected set of questions – what semantic categories are cross-linguistically recurrent ('universal') and time-stable? What semantic categories are prone to change? What does the relative (in)stability of semantic categories tell us about the universality of semantic structure?

The research results produced by the proposed research group will be useful for linguists of various stripes, ranging from theoretical to descriptive linguists, as well as historical and comparative linguists, and philologists. The theoretical research will be of major international import: there is currently heightened interest in how language evolves, and the time is ripe for formal semantics to 'get in on the game,' joining this

joint intellectual enterprise by contributing the powerful tools of semantic formalization.

We believe that our group will contribute to enhancing the interdisciplinary study of language at the Hebrew University and eliminating its historical compartmentalization in multiple departments (Linguistics, Arabic Language and Literature, Classical Studies, Hebrew Language, English, Philosophy, and others). Writing this proposal has taught us that it is a considerable challenge to create a unified “language of investigation” among ourselves, but that this is also a challenge worth taking up. We believe that only a long-term dedicated intellectual effort, such as the one we are applying for here, can produce the desired result.

## **5. Detailed work plan**

**Year 1:** Presentation of previous work from a cross-disciplinary perspective.

- Learning the distinct research methodologies employed in formal semantics and in historical linguistics by focusing on specific case studies.

**Year 2:** Focus on universal categories in semantics.

- Examination of semantic categories involved in the pathways of change attested in each case study.
- Forming hypotheses about the process of change (with consideration of pragmatic source of change as well as any resulting syntactic change).

**Year 3:** Constraints on semantic change.

- Putting the new hypotheses to the test.
- Publication of results.

## **6. Conferences and joint and routine activity**

- During the three years of the project, weekly meetings that include: a discussion group, a reading group, and talks by invited speakers. The reading group will be devoted to reading central literature on semantics and historical linguistics, while the discussion group will deal with the presentation and discussion of our ongoing research.
- International Graduate workshop on semantic change during the second half of the 2nd year, spring 2019. The workshop will be organized by the group's PhD students.
- International workshop on semantic change towards the end of the 3rd year, summer 2020.
- Publication of a volume summarizing the results of the project, end of 2020.

## **7. Milestones indicative of success**

The first milestone is moving from interdisciplinary dialogue to the articulation of a common language, indicating that we have succeeded in learning from each other. If successful, the results should be tangible in the ongoing individual research projects.

The second milestone is to present in-depth case studies detailing patterns of semantic change across time. These case studies should integrate careful descriptive work with theoretical considerations. This work will start to be published as of the 2<sup>nd</sup> year of activity and will culminate in the planned conference.

Third, we intend to produce a volume integrating the results of the work of the group, in parallel to publications in leading journals.

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## CURRICULUM VITAE

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- 1999-2002 BA *summa cum laude*, in the Philosophy department and Hebrew Language department at Hebrew University, Jerusalem
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- 2010-2014 Lecturer, The Hebrew University of Jerusalem, School of Language Sciences, Department of Hebrew Language
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- 2010- Advisor for the BA program, Department of Hebrew Language

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|------------------------------------|--|
| present<br>2010-<br>present        | Fellow at the "Language, Logic and Cognition Center", Hebrew University of Jerusalem   |
| 2013-<br>present                   | Member of the academic committee of the "Language, Logic and Cognition Center", Hebrew University of Jerusalem   |
| 2013-<br>present                   | Advisor for the graduate students, "Logic and Cognition Center", Hebrew University of Jerusalem  |
| 2013-<br>present                   | Member of the academic committee of the "Ben-Yehuda Center for the Study of Hebrew Language", Hebrew University of Jerusalem   |
| 2013-<br>present                   | Coordinator of the departmental seminar, Department of Hebrew Language   |
| 2014-Prsent                        | Member at the appeals committee for student disciplinary cases.  |
| 2014-Prsent                        | Member of the steering committee of "Amirim - The Honors Program for Outstanding Students at the Hebrew University"  |
| 2014-<br>present                   | Member of the committee of the post-doc Rothschild Fellowship (Yad Hanadiv), the faculty of Humanities   |
| 2015-                              | Member of the committee on the teaching of languages at the faculty of Humanities (in charge of the topic of the study of second foreign language)   |
| 2015-                              | Member of the committee on the prevention of sexual harassments at HU  |
| 2015-                              | Member of the acceptance committee for the MA studies, The Jack, Joseph and Morton Mandel School for Advanced Studies in the Humanities  |
| 2015-                              | Chairman of the department of the Hebrew language and Jewish languages   |
| Member in dissertation committees: | Ilona Spector (Department of Linguistics)<br>Nadine Pavie (Department of Hebrew Language)<br>Miri Bar-Ziv Levi (Department of Hebrew Language)<br>Avigail Tsirkin-Sadan (Department of Linguistics)<br>Einat Keren (Department of Linguistics) |

## **5. SERVICE IN OTHER ACADEMIC AND RESEARCH INSTITUTIONS**

|             |   |
|-------------|---|
| 2005-2008   | Teaching Fellow and Teaching Assistant, Harvard University  |
| 2006-2008   | Lecturer, Me'ah - Adult Jewish Learning Program of Hebrew College, Newton MA  |
| 2005-2008   | Lecturer, Yale University, Department of Near Eastern Languages and Civilizations   |
| 2008-2010   | Lector in Semitics, Yale University, Department of Near Eastern Languages and Civilizations   |
| 2012 Spring | Lecturer in Semitic Philology, Harvard University, Department of Near Eastern Languages and Civilizations<br>Honorary Harry Starr Fellow, Center of Jewish Studies, Harvard |

- University
- 2013 Summer Visiting scholar, Harvard University, Department of Near Eastern Languages and Civilizations
- 2015-2016 Member in the Israel Academy of Sciences and Humanities' Young Scholars Forum in the Humanities and Social Sciences 2015-2016 (Functional and typological linguistics and language acquisition)
- 2015, summer Visiting scholar, Harvard University, Center for Jewish Studies
- 2015- Secretary of the Israeli Association for Theoretical Linguistics

Member in a dissertation committee of the PhD candidate Adam Strich, Department of Near Eastern Languages and Civilizations, Harvard University

## 6. OTHER ACTIVITY

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- 2002-2003 Member of the committee of Advanced Students, Institute of Jewish Studies, Hebrew University, Jerusalem, 2002-2003 [organized interdisciplinary seminars and a conference for advanced students]
- 2006-2007 Coordinator of the Semitic Philology Workshop, Department of Near Eastern Languages and Civilization, Harvard University
- 2008 Member of the programming committee, Dorushe Annual Graduate Student Conference on Syriac Studies, Notre Dame University, April 2008
- 2009 Faculty Advisor and host of the Dorushe Annual Graduate Student Conference on Syriac Studies, Yale University, April 2009  
([http://www.yale.edu/judaicstudies/syriac\\_conference.html](http://www.yale.edu/judaicstudies/syriac_conference.html))
- 2013 Convener (together with Anne Carlier [University Lille 3 ; CNRS UMR STL] and Laure Sarda [CNRS-Lattice ; ENS, Paris] the thematic workshop " Space, Time and Existence: Typological, cognitive and philosophical viewpoints", 46th Annual Meeting of the Societas Linguistica Europaea, Split, (expected, 18-21 September 2013)

### Abstract reviewer for the following conferences:

- 1) The Annual meeting of the Israel Association for Theoretical Linguistics
- 2) The Annual Meeting of the Societas Linguistica Europaea
- 3) Dorushe Annual Graduate Student Conference on Syriac Studies
- 4) IGDAL. International Graduate Student conference on Diverse Approaches to Linguistics

**Reviewer for the following journals:**

*Shnaton – An Annual for Biblical and Ancient Near Eastern Studies*

*Ləšonénu*

*Journal of Language Contact*

*Lingua*

*Karmilim*

**Reader of two books:** The Academy of the Hebrew Language Press.

**7. MEMBERSHIP IN A PROFESSIONAL ASSOCIATION**

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The Societas Linguistica Europaea

The World Union of Jewish Studies

Linguistic Society of America

American Oriental Society

Association of Biblical Literature

Association for Jewish Studies

The Israel Association for Theoretical Linguistics

(I am not a member of all these societies every year; it usually depends on participation in annual meetings)

**8. RESEARCH GRANTS**

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2011-2014 Allon Fellowships for Outstanding Young Researchers, Israel Council for Higher Education

2012 Scholarship for Publication support in the fields of Humanities, The Israel Science Foundation (For the book *Introduction to the Grammar of Jewish Babylonian Aramaic*) (11,600 NS)

2011-2014 Marie Curie Reintegration Grants, European Commission: Linguistics as a Science - a Historical Philosophical Study (100,000 Euro)

**LIST OF PUBLICATIONS**

**DOCTORAL DISSERTATION**

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(cross-referenced)

1. "A Theory of Argument Realization and its Application to Features of the Semitic Languages", 2009.

Advisor: John Huehnergard (Harvard University)

Advising Committee: Wolfhart Heinrichs (Harvard University), Laurence Horn (Yale University) and Malka Rappaport Hovav (Hebrew University).

[Chapter Four was published as an article, no.15].

**BOOKS**

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2. Bar-Asher Siegal, Elitzur A. *Introduction to the Grammar of Jewish Babylonian Aramaic*, Münster: Ugarit-Verlag, 2013, 361pp.



3. Bar-Asher Siegal, Elitzur A. and Aaron Koller (editors), *Studies in Mishnaic Hebrew and Related Fields Proceedings of the Yale Symposium on Mishnaic Hebrew May 2014* (to be published by...)

#### CHAPTERS IN COLLECTIONS:

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4. Bar-Asher, Elitzur A. "How an Empiricist Finds a New Science," Colloque international 19-22 juin 2007, Révolutions saussuriennes, Documents de travail, 259-267 (<http://www.saussure.ch/preprints/Bar-Asher.pdf>) [see no. 4]
5. Bar-Asher, Elitzur A. "How an Empiricist Finds a New Science: An Epistemological Inquiry in Ferdinand de Saussure's Linguistic Theory" in Arrivé Michel (ed.), *Du côté de chez Saussure, A l'occasion de ses anniversaires (1857: naissance, 1907: premier Cours de linguistique générale)*, Limoges: Lambert-Lucas, 2008: 23-38; [this is a revision of no.3]
6. Bar-Asher, Elitzur A. "The Origin and the Typology of the Pattern *qtil li* in Syriac and Babylonian Aramaic," A. Mamman, S. Fassberg and Y. Breuer, (eds.), *Sha'arey Lashon: Studies in Hebrew, Aramaic, and Jewish Languages in Honor of Moshe Bar-Asher*, Hebrew University, vol. II, 360-392, Jerusalem 2008 [in Hebrew]
7. Bar-Asher Siegal, Elitzur A. "Some generalizations concerning the morphology of the verbal system of Jewish Babylonian Aramaic", Nit'e Ilan: Studies in Hebrew and Related Fields Presented to Ilan Eldar, 103-118, 2014 [in Hebrew]
8. Bar-Asher Siegal, Elitzur A. (PI) and Bar-Asher Siegal, Michal (PI) " 'Rejoice, O barren one who bore no child': Beruria and the Jewish-Christian conversation in the Babylonian Talmud," in: *From Text to Context in Ancient Judaism: Studies in Honor of Steven Fraade*, Supplements to the Journal of Ancient Judaism (forthcoming 2015)

#### Proceedings of conferences

9. Bar-Asher Siegal, Elitzur A. "Diachronic Syntactic Studies in Hebrew Pronominal Reciprocal Constructions", in *Diachrony in Biblical Hebrew*, edited by Cynthia Miller and Ziony Zevit, Winona Lake: Eisenbrauns, 2012, pp. 209-244.
10. Bar-Asher Siegal, Elitzur A. "Can the Grammar of Babylonian Aramaic Be Used in Evaluating the Language of the Zohar, and if so, How?", *Proceedings of the Conference: Late Aramaic - The Literary and Linguistic Context of the Zohar*, University College London, November 9-11 2009, (35 double-spaced pages, in press)
11. Bar-Asher Siegal, Elitzur A. "Adnominal possessive and subordinating particles in Semitic languages", Bodelot, C., Gruet-Skrabalova, H., Trouilleux, F. (eds.), *Morphologie, syntaxe et sémantique des subordonnants. Cahiers du LRL vol. 5*. Clermont-Ferrand: Presses universitaires Blaise-Pascal, 2013, pp. 133-150.
12. Bar-Asher Siegal, Elitzur A. (PI) and Nora Boneh (PI) "Non-core datives in Modern Hebrew", *Proceedings of the 30th Annual Conference of the Israel Association for Theoretical Linguistics*, (2015), 22 pages

13. **Bar-Asher Siegal, Elitzur A.** "A Reconsideration of the Tense-Aspect-Mood (=TAM) System of Rabbinic Hebrew", *Proceedings of the Workshop on Mishnaic Hebrew, Program in Judaic Studies, Yale University*.

**ARTICLES:**

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(in chronological order; cross-referenced)

14. **Bar-Asher, Elitzur A. (PI)** and Yair Furstenberg (PI) "A Reexamination of a Talmudical Discussion 'teqafu kohen'," *Sinay* 125 (2000), 48-80 [in Hebrew]
15. **Bar-Asher, Elitzur A.** "Head Covering – Mosaic or Jewish Law?" *Akdamot* 9 (2000), 101-115 [in Hebrew]
16. **Bar-Asher, Elitzur A.** "Theodor Herzl's Theory of Quasi-Contract - Ideological Background to Theodor Herzl's Theory of the Moral Justification for the Establishment of a State," *Hayo-Haya* 4 (2004), 7-23 [in Hebrew]
17. **Bar-Asher, Elitzur A.** "Nahmanides' Hidden Motives in the Treatise 'Quntres Dina D'Garme'," *Sidra* 20 (2005), 57-67 [in Hebrew]
18. **Bar-Asher, Elitzur A.** "An Explanation of the Etiology of the Name Ammon in Genesis 19, Based on Evidence from Nabataean Aramaic and the Safaitic Arabian Dialect," *Zeitschrift für Althebraistik* 17-20 (2004-2007), 3-10
19. **Bar-Asher, Elitzur A.** "The Notion of Tradition in the History of Linguistics," Review Essay, *Beiträge zur Geschichte der Sprachwissenschaft* 17 (2007), 277-288
20. **Bar-Asher, Elitzur A.** "Linguistic Markers in the Book of Ruth," *Shnaton – An Annual for Biblical and Ancient Near Eastern Studies* 18 (2008), 25-42 [in Hebrew]
21. **Bar-Asher, Elitzur A.** "The Imperative Forms of Proto Semitic and a New Perspective on Barth's Law," *Journal of American Oriental Society* 128 (2009), 233-255
22. **Bar-Asher, Elitzur A.** "Dual Pronouns in Semitics and an Evaluation of the Evidence for their Existence in Biblical Hebrew," *Ancient Near Eastern Studies* 46 (2009): 32-49
23. **Bar-Asher Siegal, Elitzur A.** "On the Passiveness of One Pattern in Jewish Babylonian Aramaic – a Linguistic and Philological Discussion", *Journal of Semitic Studies* 56 (2011): 111-143 [a revision of a chapter in No. 1]
24. **Bar-Asher Siegal, Elitzur A.** "The Epistolary Terms *k't*, *k'nt* in Official Aramaic, the Feminine Endings in Aramaic Dialects and Other Isoglosses in the History of Aramaic", *Ancient Near Eastern Studies* 48 (2011): 199-231
25. **Bar-Asher Siegal, Elitzur A.** "From typology to diachrony: synchronic and diachronic aspects of predicative possessive constructions in Akkadian," *Folia Linguistica Historica* 32 (2011): 43-88
26. **Bar-Asher Siegal, Elitzur A.** "Who separated from whom and why? A philological study of 4QMMT," *Revue de Qumran* 98 (2011), 229-256.
27. **Bar-Asher Siegal, Elitzur A.** "Notes on reciprocal constructions in Akkadian in light of typological and historical considerations," *Semitica et Classica* 4 (2011), 23-42.
28. **Bar-Asher Siegal, Elitzur A.** "Non-anaphoric uses of the demonstrative pronouns in Jewish Babylonian Aramaic", *Ləšonenu* 74 (2012), 229-266 [in Hebrew].
29. **Bar-Asher Siegal, Elitzur A.** "Reconsidering the Study of Jewish Babylonian Aramaic: Five Decades after E. Y. Kutscher and his Influential Methodology", *Zeitschrift der Deutschen Morgenländischen Gesellschaft* 163 (2013), 341-364.

30. Bar-Asher Siegal, Elitzur A. "Notes on the history of reciprocal NP-strategies in Semitic languages in a typological perspective", *Diachronica* 31(2014): 337-378
31. Bar-Asher Siegal, Elitzur A. "Reciprocal NP-Strategies in Jewish Dialects of Near Eastern Neo-Aramaic in Light of Parallel Semitic Constructions", *Journal of Jewish languages* 2 (2014): 49-77
32. Bar-Asher Siegal, Elitzur A. "From a Non-Argument-Dative to an Argument-Dative: the character and origin of the qṭil lī construction in Syriac and Jewish Babylonian Aramaic", *Folia Orientalia* 51 (2015): 59-111.
33. Bar-Asher Siegal, Elitzur A. (PI) and Nora Boneh (PI) "Modern Hebrew non-core dative in their context", *Ləšonénu* 76 (2014): 461-495
34. Bar-Asher Siegal, Elitzur A. "What Is New in the NP-Strategy for Expressing Reciprocity in Modern Hebrew and from Where Does It Come?" *Journal of Jewish languages* 3 (2015): 245-258.
35. Bar-Asher Siegal, Elitzur A. (PI) and Nora Boneh (PI), "Reconsidering the emergence of non-core dative constructions in Modern Hebrew", *Journal of Jewish languages* 3 (2015): 309-323.
36. Bar-Asher Siegal, Elitzur A. "The case for external sentential negation: evidence from Jewish Babylonian Aramaic", *Linguistics* 53 (2015): 1031-1078

#### **OTHER PUBLICATIONS:**

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(in chronological order)

##### **Book Reviews**

37. Bar-Asher, Elitzur A. Sharvit Shimon, Language and Style of Tractate Avoth Through the Ages, *Hebrew Studies* 48 (2007), 101-104
38. Bar-Asher, Elitzur A. Sperber Daniel, The Path of Halacha, Women Reading the Torah: A Case of Pesika Policy, *Haaretz' Book Review*, April 16, 2008
39. Bar-Asher Siegal, Elitzur A. Alvestad Silje and Lutz Edzard, *la-ḥšōḇ, but la-ḥāzōr? Sonority, Optimality and the Hebrew π'ḇ forms*, (Abhandlungen für die Kunde des Morgenlandes 66), *Journal of Semitic Studies* 56 (2011): 404-406.
40. Bar-Asher Siegal, Elitzur A. Shatil, Nimrod. *Developments in Contemporary Hebrew*, *Ləšonénu* 75 (2015): 413-417.

##### **Entries in Dictionaries and Encyclopedias**

41. Bar-Asher Siegal, Elitzur A. "Hebrew: Jewish Use of in the Second Temple Period," in *Dictionary of Early Judaism*, edited by Collins John J. and Daniel C. Harlow, Grand Rapids: Eerdmans, 2010, 713-715.
42. Bar-Asher Siegal, Elitzur A. "Apocope," *Encyclopedia of Hebrew Language and Linguistics*, Leiden: Brill, 2013 vol. 1, 117.
43. Bar-Asher Siegal, Elitzur A. "Diglossia in Rabbinic Hebrew," *Encyclopedia of Hebrew Language and Linguistics*, Leiden: Brill, 2013 vol 1, 725-729.
44. Bar-Asher Siegal, Elitzur A. "Hebrew Language. Judaism. Second Temple, Hellenistic and Rabbinic Judaism", *Encyclopedia of the Bible and its Reception*, Berlin: De Gruyter (in press, 4012 words)

#### **CONFERENCES:**

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(in chronological order)

1. "How Should We Conduct a Philosophical Research in Medieval Halachic Texts?" Conference for Advanced Students, Hebrew University 2003
2. "The Pattern of *qtil li* in Syriac and Babylonian Aramaic," Joint session of the 215<sup>th</sup> Meeting of the American Oriental Society and 33<sup>rd</sup> meeting of The North American Conference on Afroasiatic Linguistics, Philadelphia, March 2005
3. "An Explanation of the Etiology of the Name Ammon in Genesis 19, Based on Evidence from Nabataean Aramaic and the Safaitic Arabian Dialect," Society of Biblical Literature, Annual Meeting, Washington DC November 2006
4. "A New Perspective on Barth's Law," Joint session of the 217<sup>th</sup> Meeting of the American Oriental Society and 35<sup>rd</sup> meeting of The North American Conference on Afroasiatic Linguistics, San Antonio, March 2007
5. "Syriac as an Eastern Aramaic Dialect – Reassessment of the Evidence," Dorushe Annual Graduate Student Conference on Syriac Studies, Princeton University, April 2007
6. "How an Empiricist Finds a New Science," Colloque international Révolutions saussuriennes, University of Geneva and "Circle Ferdinand de Saussure," Geneva, June 2007
7. "Syriac and the Other Eastern Aramaic Dialects," Society of Biblical Literature, The Annual Meeting San Diego, November 2007
8. "Marginal Predicative Possessive Constructions in Biblical Hebrew," Society of Biblical Literature, The Annual Meeting, San Diego, November 2007
9. "On the Passiveness of the Pattern *qtil li* in Babylonian Aramaic," A conference in Honor of Moshe Bar-Asher, Hebrew University Jerusalem, November 2007
10. "Two Strategies for Expressing Reciprocals," Conference: Reciprocals cross-linguistically, Utrecht institute of Linguistics and the Institute for English Philology of the Free University of Berlin, in conjunction with the research project A typology of reciprocal markers: Analysis and documentation, Berlin November-December 2007
11. "The Verbal System of Babylonian Aramaic," 39th Annual Conference of the Association for Jewish Studies, Toronto, December 2007
12. "'What is it all about?' – reanalyzing a variety of theories about Topicality," Topicality, Workshop at the 30th annual meeting of the Deutsche Gesellschaft für Sprachwissenschaft (DGfS), Bamberg, 27-29 February 2008
13. "The particle *den* – a diachronic and a synchronic analysis", Dorushe Annual Graduate Student Conference on Syriac Studies, Yale University, March 2009
14. "Predicative Possessive Constructions in Biblical Hebrew", The 15th World Congress of Jewish Studies, August 2009
15. "Can the Grammar of Babylonian Aramaic Be Used in Evaluating the Language of the Zohar, and if so, How?" Conference: Late Aramaic - The Literary and Linguistic Context of the Zohar, University College London, November 9-11 2009 (invited paper)
16. "Who separated from whom and why? a closer look at MMT", Society of Biblical Literature, The Annual Meeting, New Orleans, November 2009,
17. "Subordinating conjunctions in the Semitic languages", Colloque international « Morphologie, syntaxe et sémantique des subordonnants » Colloque organisé par l'équipe *Syntaxe et TAL* du LRL Maison des sciences de l'homme, Clermont-Ferrand, Expected March 2010

18. "The participants of the events as the arguments of their simple predicates", Representation of Events, a conference organized by The SESYLIA-LILT linguistic research team at *Institut du Monde Anglophone*, Paris 3 Sorbonne Nouvelle, October 2010
19. "The History of Reciprocal Constructions in Hebrew", National Association of Professors of **Hebrew** session on "Diachrony and Biblical Hebrew" in conjunction with the Society of Biblical Literature Meeting, expected November 20-23, 2010 in Atlanta (invited paper)
20. "Subordinating conjunctions in Biblical Hebrew", Society of Biblical Literature, The Annual Meeting, expected Atlanta, GA November 2010.
21. "Reintroducing a Davidsonian criterion for the Argument/Adjunct Distinction," Workshop on: The argument/adjunct distinction cross-linguistically, The 44th Annual Meeting of the Societas Linguistica Europaea, logroño, 8-11 September 2011.
22. "The role of agreement in the diachronic changes of reciprocal constructions", Workshop on: Agreement from a diachronic perspective, Philips Universität Marburg, Germany (October 4th-5th, 2012)
23. "Jewish Literary Aramaic in the High Middle Ages", The 5th International Conference of the Center for the Study of Jewish Languages and Literatures, Hebrew University (April 29-May 2 2013)
24. "The case of sentential negations in Jewish Babylonian Aramaic", workshop The semantics and pragmatics of logical words: a cross-linguistic perspective. In the 19th International Congress of Linguist, Geneva (July 21-27 2013)
25. "Applying Saussure's dichotomy between langue and parole to a theory of argument realization", in the session: Saussure and his legacy. In the 19th International Congress of Linguist, Geneva (July 21-27 2013)
26. "The existential question revisited", Workshop on: Space, Time and Existence: Typological, cognitive and philosophical viewpoints, *The 46th Annual Meeting of the Societas Linguistica Europaea*, (expected 18-21 September 2013), Split University, Croatia
27. "The Tense-Aspect-Mood System of Late Hebrew", Workshop on Rabbinic Hebrew. Yale University (May 2014) (invited paper).
28. "Datives in context", with Nora Boneh, Workshop on Morphology and Interpretation, July 2014, Universidade de São Paulo (invited paper), the paper was presented by Nora Boneh.
29. "Non-core datives in Modern Hebrew", with Nora Boneh, Rencontres d'Automne de Linguistique formelle: Langage, Langues et Cognition (RALFe 2014), CNRS/ Paris 8 (October 2014), the paper was presented by Nora Boneh.
30. "Non-core datives in Modern Hebrew", with Nora Boneh, Israel Association for Theoretical Linguistics: 30th Annual Meeting (October 2014)
31. "On reconstructing the original language", in the session *Methodological issues concerning the transmission of the Jewish Rabbinic Literature*, European Society for Textual Scholarship's 2014 conference TEXTUAL TRAILS. Transmissions of Oral and Written Texts, Helsinki (30 October – 1 November)

32. The case for external negation and Bochvar's thesis revisited ", New Directions in Negation and Polarity, Language, Logic and Cognition Center, The Hebrew University of Jerusalem , (February 2015)
33. "On ethical datives in Modern Hebrew", with Nora Boneh, Catalonia-Israel Symposium on Lexical Semantics and Grammatical Structure in Event Conceptualization, The Linguistics department at The Hebrew University (February 2015)
34. "Reciprocal verbs in Hebrew", Workshop on Verbs, verb phrases, and verbal categories, Hebrew University of Jerusalem (March 2015)
35. "From Historical Linguistics to logic: The Case for External Negation," Usage Based Linguistics, Hebrew University of Jerusalem, (June 2015)
36. What Discursive Datives are: the case of Modern Hebrew," with Nora Boneh, Tbilisi 2015: Eleventh International Tbilisi Symposium on Language, Logic and Computation (September, 2015)
37. "Arguments in favor of an ambiguit approach to negation," Göttingen workshop on negation and polarity (September, 2015)
38. "The Semitic templates from the perspective of reciprocal predicates," The 10th Mediterranean Morphology Meeting, University of Haifa (September 2015)
39. "Modern Hebrew discursive datives," with Nora Boneh, Israel Association for Theoretical Linguistics: 31st Annual Meeting, Bar-Ilan University (October 2015)

#### **Other Professional Presentations**

40. "On the Passiveness of One Pattern in Babylonian Aramaic - a Linguistic and Philological Discussion," Semitic Workshop, Harvard University, April 2005
41. "The Imperative in Proto-Semitic—Its Form and its Position in the Verbal System," Semitic Workshop, Harvard University, April 2006
42. "Copula in Semitics – A Critical History of the Scholarship," Semitic Workshop, Harvard University, April 2007
43. "Evaluation of the Evidence for Dual Pronouns and Verbal Forms in Biblical Hebrew," Semitic Workshop, Harvard University, October 2007
44. "Reconsideration of the Use of Hebrew in Speaking and Writing in the First Centuries CE," The Ancient Judaism workshop at Yale: Recent Trends in the Study of Ancient Judaism, Yale University, April 2008
45. "The relationship between the Biblical and Mishnaic Hebrew pronominal reciprocal constructions", the Department of Hebrew Languages, The Hebrew University of Jerusalem, November 2011.
46. "Non-anaphoric uses of the demonstrative pronouns in Jewish Babylonian Aramaic and their relevancy to questions of textual criticism of the Babylonian Talmud", Starr Seminar, Center of Jewish Studies, Harvard University, February 2012.
47. "A diachronic typology of pronominal reciprocal constructions in the Semitic languages", Semitic Workshop, Harvard University, February 2012
48. "Linguistics and Textual Criticism: The Case of the Babylonian Talmud", University of Notre-Dame, Department of Theology, April 2012

49. "Reexamination of the borderline between semantics and pragmatics: A study case from Modern Hebrew," Emory Program in Linguistics, April 2012
50. "Pronominal reciprocal constructions in Modern Hebrew in the light of parallel Semitic constructions", The colloquium of the Department of Hebrew and Semitic Languages, Bar-Ilan University, (April 9, 2013)
51. With Nora Boneh, "Affected and Attitude Holder datives in Modern Hebrew, Linguistics Departmental Seminar, October 2013, Hebrew University of Jerusalem.
52. "Negation in Jewish Babylonian Aramaic: internal vs. External negation", the Department of Hebrew Languages, The Hebrew University of Jerusalem, (December 2013)
53. "Reciprocal NP-Strategies in Jewish dialects of Near Eastern Neo-Aramaic in light of parallel constructions in Late Aramaic," Colloquium in the memory of Professor Ze'ev Ben-Ḥaim, The Academy of the Hebrew Language, (December 2013)
54. "The formal expressions of the subjects of infinitival clauses in Jewish Babylonian Aramaic," Conference dedicated to 80th anniversary of the department of the Hebrew Language at the Hebrew University of Jerusalem (Mars 2014)
55. "Modern Hebrew non-core dative in their context", with Nora Boneh, Departmental Seminar, Department of Hebrew Language, University of Haifa (June 2014)
56. "Linguistics and Textual Criticism: The Case of the Babylonian Talmud", Department of World Cultures (Middle Eastern Studies), University of Helsinki (October, 2014)
57. "Modern Hebrew non-core dative in their context", with Nora Boneh, Departmental Seminar, Department of Hebrew Language, Hebrew University of Jerusalem (November 2014)
58. "NP-strategies for expressing reciprocity: history and syntax", Research Colloquium, Linguistics Department, Tel-Aviv University (expected January 2015)
59. "The NP-Strategy for Expressing Reciprocity: History and Semantics" Language Logic Cognition Center Seminar, Hebrew University of Jerusalem, (June 2015)
60. An ambiguit approach for negation, Departmental Seminar, Bar-Ilan Univerdity (November 2015).
61. On the Study of the Normatively and on the deviation from the Norm, Event in honor of the publication of the Shatil Nimrod's book *Developments in Contemporary Hebrew*, The Academy of the Hebrew Language (November 2015)

## CURRICULUM VITAE: Nora Boneh

Updated: 17/11/2015

### 1. PERSONAL DETAILS

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**Date of Birth:** 9 June 1973  
**Country of Birth:** Romania  
**ID no.:** 017673799  
**Nationality:** Israeli  
**No. of children:** 2

**Permanent address:** Vitkin 37, Haifa 34754  
**Tel.:** 077-5008498, 054-4819888

**E-mail address:** nora.boneh@mail.huji.ac.il

### 2. HIGHER EDUCATION

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- 1994-1997** **B.A.** in Linguistics and Communication & Journalism (*summa cum laude*), The Hebrew University of Jerusalem
- 1997-1998** **B.A.** in Linguistics (specialisation: French as Foreign Language), Université Paris 3, Sorbonne Nouvelle, France
- 1998-1999** **M.A. (Maîtrise)** in Linguistics (*magna cum laude*), Université Paris 3, Sorbonne Nouvelle, France; Supervisors: Prof. Georges Rébuschi and Dr. Jean-Léo Léonard  
Title: «*La tête fonctionnelle M° en albanais standard d'aujourd'hui : les conséquences de sa présence sur l'organisation des catégories flexionnelles*»
- 1999-2000** **D.E.A. (Diplôme d'Etudes Approfondies)** in Linguistics (*magna cum laude*), Université Paris 3, Sorbonne Nouvelle, France; Supervisor: Prof. Georges Rébuschi [#2, 3, 17]  
Title: «*Les propriétés du sujet: les constructions possessives en hébreu moderne*»
- 2000-2003** **Doctorate** in Linguistics (*summa cum laude*), Université Paris 8, Saint Denis, France; Supervisor: Prof. Alain Rouveret [#1]  
Title: «*La représentation syntaxique du temps : le cas de l'hébreu moderne de l'arabe standard et dialectal*»
- 2004-2006** **Post-doctoral Fellowship**, Hebrew University of Jerusalem, Department of English. Sponsor: Dr. Ivy Sichel [#4, 5, 6, 11]



### **3. APPOINTMENTS AT THE HEBREW UNIVERSITY**

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- 2006-2007** External Teacher, Department of English
- 2007-2015** Lecturer, Humanities, Linguistics
- 2015-** Senior Lecturer, Humanities, Linguistics

### **4. ADDITIONAL FUNCTIONS/TASKS AT THE HEBREW UNIVERSITY**

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- 2006-2008** Coordinator of the *Linguistics Departmental Seminar* at the English Department
- 2008-2012** Coordinator of the *Linguistics Departmental Seminar* at the Linguistics Department
- Talk series coordinator the Forum for the Study of Language, The School of Language Sciences
- 2008-2014** Responsible for library book orders
- 2011-** B.A. Advisor
- 2012-2014** Member of the student-teacher board at the Linguistics Department
- 2014-** Head of the generative section in the Linguistics Department

### **5. SERVICE IN OTHER ACADEMIC AND RESEARCH INSTITUTIONS**

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### **6. OTHER ACTIVITY**

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- 2005-2010** Treasurer of the *Israeli Association for Theoretical Linguistics* (IATL)
- 2010-2013** Secretary of the *Israeli Association for Theoretical Linguistics* (IATL)
- 2015** Co-organizer with Łukasz Jędrzejowski (U. of Potsdam) of the Workshop “Habituality and Genericity in Flux” which is part of the *22nd International Conference on Historical Linguistics*, Naples, Italy, 27-31 July 2015

Occasional reviewer for the journals: *Syntax*, *Lingua*, *Brill's Annual of Afroasiatic Languages and Linguistics*, *Journal of Jewish Languages*;  
Israeli Science Foundation, The Open University;  
Conferences: GLOW, RALFe, IATL

## **7. MEMBERSHIP IN A PROFESSIONAL ASSOCIATION**

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- Member of the Israeli Association for Theoretical Linguistics
- 2015-2016 Member of the Forum for Young Researchers in the Humanities and Social Sciences, The Israeli Academy of Sciences and Humanities

## **8. RESEARCH GRANTS / AWARDS**

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- 2008** Golda Meir Award
- 2010-2014** ISF Grant 1057/10, with Prof. Edit Doron  
“Modal and temporal aspects of habituality”  
129,000/258,000NIS
- 2012-2014** Huji-FAPESST cooperation grant, with Prof. Edit Doron  
“Cross-linguistic Reflections of Cognitive Distinctions”  
25,000/50,000\$
- 2014** Excellence in teaching (cf. letter from the rector)
- 2014-2017** ISF Grant 1366/14  
“Dative selection between the syntax and the lexicon”  
110,000NIS
- 2015** Excellence in teaching (cf. letter from the rector)

## **9. TEACHING AT THE HEBREW UNIVERSITY**

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### **A. Supervision of master and doctoral degree students in the last five years**

- **Master's degree students:**  
Hagit Sofer, (2012-2015)  
Moshe E. Bar-Lev (2013-2014)  
Pnina Moldovano (2013-)  
Dikla Abarbanel (2015-)  
Liliana Ochoa (2015-)
- **Doctoral degree students:**  
Avigail Tsirkin-Sadan (co-supervision with Prof. Edit Doron), (2012-)

### **B. Post-doctoral Visitors**

-

### **C. Courses taught in the last 5 years**

- **Bachelor's degree courses**

*Linguistics department:*

Introduction to linguistics (gateway course)

Syntactic theory

*Romance studies:*

Exercises in translation from French to Hebrew  
Topics in comparative linguistics of the Romance languages (gateway course)  
Topics in Romanian linguistics  
Topics in French linguistics

- **Master's degree courses**

*Seminars:*

Issues in Tense, aspect and modality  
Aspect and modality  
Issues in the syntax and semantics of temporality  
The Perfect  
The syntax and semantics of ditransitivity  
Selected and non-selected arguments

## **LIST OF PUBLICATIONS**

**Candidate`s name:** Nora Boneh

**Last updated:** 17/11/2015

## **DOCTORAL DISSERTATION**

- [1] 2003. «La représentation syntaxique du temps : le cas de l'hébreu moderne de l'arabe standard et dialectal». Université Paris 8, Saint Denis.  
Supervisor: Prof. Alain Rouveret

## **BOOKS**

-

## **BOOKS EDITED**

-

## **CHAPTERS IN COLLECTIONS**

### **Prior to last promotion**

- [2] **Boneh, Nora** 2003. "Modern Hebrew Possessive *yeš* Constructions". In Jacqueline Lecarme, (ed.). *Research in Afroasiatic Grammar II*. John Benjamins Publishing Company, Amsterdam. pp. 63-77.
- [3] **Boneh, Nora** 2003. "Existential Particles in Modern Hebrew and Standard Arabic". In Claire Beyssade, Olivier Bonami, Patricia Cabredo-Hofherr & Francis Corblin (eds.): *Empirical Issues in Formal Syntax and Semantics*, Volume 4, Presses Universitaires de Paris-Sorbonne, Paris. pp. 243-254.
- [4] **Boneh, Nora** (PI) and Edit Doron (PI) 2008. "Habituality and the Habitual Aspect". In Rothstein, Susan (ed.), *Approaches to the Semantics of Aspect*. John Benjamins Publishing Company, Amsterdam. pp. 321-348. [see publication #13]
- [5] **Boneh, Nora** 2010. "Perfect Constructions in Syrian Arabic". In Cabredo-Hofherr, Patricia & Laca, Brenda (eds.), *Layers of Aspect*. CSLI Publications, Stanford. pp. 23-42.  
[a complete and detailed version of the outlined analysis in publication #20]
- [6] **Boneh, Nora** (PI) and Edit Doron (PI) 2010. "Modal and Temporal Aspects of Habituality". In Rapaport-Hovav, M., Doron, E. and Sichel, I. (eds.). *Syntax, Lexical Semantics, and Event Structure*. Oxford: Oxford University Press. pp. 338-363.

### **Subsequent to last promotion**

- [7] **Boneh, Nora** (PI) and Lea Nash (PI). 2011. “High and higher applicatives: the case of French non-core datives”. In Mary Byram Washburn, Katherine McKinney-Bock, Erika Varis, Ann Sawyer, and Barbara Tomaszewicz (eds.) *Proceedings of the 28<sup>th</sup> West Coast Conference on Formal Linguistics*. Cascadilla Press. pp. 60-68. [elaboration of sections in publication #22]
- [8] **Boneh, Nora** (PI) and Lea Nash (PI). 2011. “When the benefit is on the fringe”. In Janine Berns, Haike Jacobs and Tobias Scheer (eds.) *Romance Languages and Linguistic Theory XX*. Amsterdam: John Benjamins Publishing Company. pp. 19-38. [elaboration of sections in publication #22]
- [9] **Boneh, Nora** (PI) and Lea Nash (PI). 2012. “Core and non-core datives in French”. In Beatriz Fernández & Ricardo Etxepare (eds.) *Variation in Datives*. Oxford: Oxford University Press. pp. 22-49.
- [10] **Boneh, Nora** (PI) and Edit Doron (PI). 2013. “Hab and Gen in the expression of habituality”. In Beyssade, Claire. Mari, Alda. & del Prete, Fabio. (eds.). *Genericity*. Oxford: Oxford University Press. pp. 176-191.
- [11] Bar-Asher Siegal, Elitzur and **Boneh, Nora** (PI), 2015. “Affected Datives in Modern Hebrew”. In Melnik, Nurit (ed.). *MIT Working Papers in Linguistics # Proceedings of IATL 2014*.
- [12] **Boneh, Nora** (PI). 2016 *to appear*. “Some thoughts on grammatical aspect in Modern Hebrew”. In Edzard, Lutz. (ed.). *Tense and Aspect in Semitic. Proceedings of the Symposium at the University of Erlangen-Nürnberg in 2014*. Harrassowitz-Verlag, "Abhandlungen für die Kunde des Morgenlandes" series.

## ARTICLES

### **Prior to last promotion**

- [13] **Boneh, Nora** (PI) and Edit Doron (PI) 2008. “Deux concepts d’habitualité”. *Recherches Linguistiques de Vincennes* 37: 113-138. Presses Universitaires de Vincennes, Saint-Denis. [the analysis proposed in publication #4 is refined and applied also to French]

### **Subsequent to last promotion**

- [14] **Boneh, Nora** (PI) and Nisrine Al-Zahre (PI). 2010. “Coreferential Dative Constructions in Syrian Arabic and Modern Hebrew.” *Brill's Annual of Afroasiatic Languages and Linguistics* vol. 2: 248-282.
- [15] **Boneh, Nora** (PI) and Ivy Sichel (PI). 2010. “Deconstructing possession.” *Natural Language and Linguistic Theory* 28(1): 1-40. [a complete elaborate version of publication #21]

- [16] Elitzur Bar-Asher Siegal (PI) and **Nora Boneh** (PI). 2014. "Hebrew non-selected datives in context". *Leshonenu* 76(4): 1-34 [dativim bilti mucraxim ba-ivrit ha-xadaša be-hekšeram].
- [17] Elitzur Bar-Asher Siegal (PI) and **Nora Boneh** (PI). 2015. "Reconsidering the emergence of non-core dative constructions in Modern Hebrew". *Journal of Jewish Languages* (Special issue: Modern Hebrew and its contact languages)

### **OTHER PUBLICATIONS:**

#### **Prior to last promotion**

- [18] **Boneh, Nora** (PI) and Nisrine Al-Zahre (PI) 2001. "Infinitives and Control in Syrian Arabic". *The Semitic Archive*: <http://www.usc.edu/dept/LAS/linguistics/semitic/pdf/control.pdf>
- [19] **Boneh, Nora** 2002. "The Grammar of the Possession Link: Modern Hebrew yeš Constructions". In Marjo van Koppen, Erica Thrift, Erik Jan van der Torre & Malte Zimmermann (eds.). *Proceedings of Console IX*. [http://athena.leidenuniv.nl/letteren/sole/content\\_docs/Console2000pdfs/boneh.pdf](http://athena.leidenuniv.nl/letteren/sole/content_docs/Console2000pdfs/boneh.pdf)
- [20] **Boneh, Nora** 2004. "Resultative (perfect) in Syrian Arabic". In Crouzet, O., Demirdache, H. Wauquier-Gravelines, S. Nantes (eds). *Proceedings of JEL 2004 [Domain<sub>s</sub>]*. University of Nantes, France [see publication #5]

#### **Subsequent to last promotion**

- [21] **Boneh, Nora** (PI) and Ivy Sichel (PI). 2008. "Deconstructing possession." In *Proceedings of IATL 23* <http://linguistics.huji.ac.il/IATL/23/Boneh-Sichel.pdf>. [see publication #15]
- [22] **Boneh, Nora** (PI) and Lea Nash (PI) 2010. "A higher applicative: evidence from French." In *Proceedings of IATL 25* [http://linguistics.huji.ac.il/IATL/25/Boneh\\_Nash.pdf](http://linguistics.huji.ac.il/IATL/25/Boneh_Nash.pdf). [see publications #7, #8]
- [23] **Boneh, Nora** 2013. "Aspect". In G. Khan (ed.) *The Encyclopedia of Hebrew Language and Linguistics*. Vol.1, pp. 205-218. Brill USA Inc.
- [24] **Boneh, Nora** 2013. "Evidentiality". In G. Khan (ed.) *The Encyclopedia of Hebrew Language and Linguistics*. Vol.1, pp. 871-873. Brill USA Inc.
- [25] **Boneh, Nora** 2013. "Mood and Modality". In G. Khan (ed.) *The Encyclopedia of Hebrew Language and Linguistics*. Vol.2, pp. 693-703. Brill USA Inc.
- [26] **Boneh, Nora** 2013. "Temporal adverbs". In G. Khan (ed.) *The Encyclopedia of Hebrew Language and Linguistics*. Vol. 3, pp. 730-731. Brill USA Inc.
- [27] **Boneh, Nora** 2013. "Tense". In G. Khan (ed.) *The Encyclopedia of Hebrew Language and Linguistics*. Vol. 3, pp. 742-751. Brill USA Inc.

## CONFERENCES

### **Invited**

1. "Possessive and locative constructions in Modern Hebrew and Standard Arabic". *MIT Ling-Lunch*, September 2002.
2. "Finiteness and person agreement". What is Finiteness? workshop, *Max Planck Institute for psycholinguistics*, Nijmegen, the Netherlands, March 2003.
3. "The representation of temporality in language: issues in the temporal systems of Hebrew and Arabic". (presented in Hebrew) at the *Amirim Seminar of Doctorants in Human Sciences*, Hebrew University of Jerusalem. February 2005.
4. (with Edit Doron) "Viewpoint Aspect in Hebrew: Simple vs. Periphrastic Past". *Theoretical and Cross-Linguistic Approaches to the Semantics of Aspect*, Bar-Ilan University. June 2005.
5. (with Edit Doron) "Components of Habituality". *Syntax, Lexicon and Event Structure: A workshop on in honor of Prof. Anita Mittwoch*. Hebrew University of Jerusalem. July 2006.
6. (with Edit Doron) « L'habitualité et l'aspect habituel ». *Journées d'Etude sur la Pluralité nominale et verbale*. Paris 8 University, Saint Denis, France. October 2006.
7. (with Lea Nash) "Core and non-core datives in French". *The Argument Structure Seminar* at the UMR Structures Formelles du Langage, UMR 7023 - CNRS. Janvier 2011.
8. "On non-core datives in Hebrew" [‘al dativim bilti mucraxim be-ivrit] talk given at the Hebrew department colloquium, Haifa University, Mai 2011
9. (with Lea Nash) "Datives in the extended VP". *Approaches to the lexicon, Roots III*. Jerusalem, June 2011.
10. (with Lea Nash) "On Themes and Goals" *HUJI/TAU Syntax-Semantics Summer Workshop*, July 2012.
11. (with Lea Nash) "Theme-Goal c-command patterns in Russian and the syntax of caused-motion/possession ditransitives" Linguistics department colloquium, The Hebrew University of Jerusalem. October 2013
12. (with Lea Nash) "C-command patterns and the syntax of ditransitives", Linguistics department colloquium, Ben-Gurion University of the Negev, April 2013.
13. "Some thoughts about the syntax of ditransitivity", talk given at the LLCC Talk & Pizza series, The Hebrew University of Jerusalem, April 2013.

14. “On the Perfect”, talk given at the Linguistics Department of the University of São Paulo, August 2013.
15. “The expression of habituality in language”, talk given at the Linguistics Department of the University of São Paulo, August 2013.
16. (with Elitzur Bar-Asher Siegal) “Affected and Attitude Holder datives in Modern Hebrew” Linguistics department colloquium, The Hebrew University of Jerusalem. October 2013.
17. “Some thoughts on Aspect in Modern Hebrew”, *The Morpho-Syntactic Encoding of Tense and Aspect in Semitic*. Universität Erlangen-Nürnberg, Orangerie, April 2014.
18. (with Elitzur Bar-Asher Siegal) “Hebrew non-selected datives in context”. [dativim bilti mucraxim ba-ivrit ha-xadaša be-hekšeram]. Hebrew department colloquium, Haifa University. June 2014.
19. (with Elitzur Bar-Asher Siegal) “Affected Datives: Truth-conditional non-core Datives in Modern Hebrew” *Workshop on Morphology and Interpretation*, University of São Paulo July 2014.
20. (with Elitzur Bar-Asher Siegal) “Non-core Datives in Modern Hebrew: Meaning and history” Hebrew department colloquium, The Hebrew University of Jerusalem, November 2014.
21. “Back to tense and aspect in Modern Hebrew” *More than syntax - Workshop in honor of Prof. Alain Rouveret for his retirement*, University Paris 7, November 2014.
22. “The syntax and semantics of dative arguments: evidence from A-binding in Russian” LLCC seminar meeting, The Hebrew University of Jerusalem, January 2015
23. (with Elitzur Bar-Asher Siegal) “On ethical datives in Modern Hebrew” *Catalonia-Israel Symposium Lexical Semantics and Grammatical Structure in Event Conceptualization*, The Hebrew University of Jerusalem, February 2015.
24. “Core and non-core datives” *Workshop on verbs, verb phrases & verbal categories*, The Hebrew University, March 2015
25. “Habituality and dispositions” *Workshop on the Morphological, Syntactic and Semantic Aspects of Dispositions*, University of Stuttgart, June 2015
26. (with Nisrine Al-Zahre) “Non-core pronominal datives in Syrian Arabic”, *Workshop on the Syntax of “the Arabics”*, University of Geneva, August 2015

**Upon selection**

27. “Modern Hebrew Possessive *yeš* Constructions”. *5<sup>th</sup> Conference on Afroasiatic Languages*, Université Paris 7, June 2000.
28. “The Grammar of the Possession Link: Modern Hebrew *yeš* Constructions” *ConSOLE9*, University of Lund, Sweden, December 2000.



29. (with Nisrine Al-Zahre) “L’infinitif et le contrôle en arabe syrien”. *6ème Atelier de Doctorants en Linguistique*, Université Paris 7, April 2001.
30. “T and Existential Clauses“. *CSSP01*, Université Paris 7, October 2001.
31. (with Nisrine Al-Zahre) “Légitimation du sujet, traits-phi et phrases finies en arabe syrien“. *7ème Atelier de Doctorants en Linguistique*, Université Paris 7, Mai 2002.
32. (with Nisrine Al-Zahre) “DP nominatif et finitude en arabe syrien“. *Journée d'étude du cercle de linguistique d'INALCO, Théories et données linguistiques: Le sujet*, INALCO, Paris, June 2002.
33. (with Nisrine Al-Zahre) “Mood and aspect in Arabic“. *Chronos 5*, University of Groningen, the Netherlands, June 2002.
34. “Participles, temporal structure and finiteness: the case of Modern Hebrew, Syrian Arabic and Standard Arabic“. *IATL 19*, Ben-Gurion University, June 2003.
35. “Possessive constructions and the EPP: the case of Modern Hebrew and Standard Arabic“. *IATL 18*, Bar-Ilan University, June 2002.
36. “On Syrian Arabic Participles“. *Semitic Linguistics within Contemporary Approaches*. University of Florida, Gainesville, USA, October 2003.
37. “On Syrian Arabic Participles“. *Journée d'études sur le temps*. Université Paris 8 Saint Denis, France, October 2003.
38. “Resultative (perfect) in Syrian Arabic“. *JEL2004 [Domain<sub>s</sub>]*. University of Nantes. Mai 2004.
39. (with Nisrine Al-Zahre) “What do reflexive datives reflect?“ *The structure of the verb phrase in Afroasiatic: Morpho-phonological and syntactic approaches*, University of Leiden, the Netherlands. January 2005.
40. “(Un)valued temporality“. *Semitic Syntax Workshop, GLOW 28*. University of Geneva. March 2005.
41. “A third viewpoint aspect in Syrian Arabic“. *IATL 21*, The Technion, Haifa, Israel. June 2005.
42. (with Edit Doron) “Habituality in Modern Hebrew“. *Chronos 7*. Antwerp University, Belgium, September 2006.
43. (with Edit Doron) “The Semantics and Syntax of Habituality“. *Journées Sémantique & Modélisation 2007*. Paris, France, March 2007.
44. (with Ivy Sichel) “Deconstructing Possession“. *IATL 23*, Tel-Aviv University, Israel. June 2007.

45. (with Ivy Sichel) “Towards the deconstruction of Possession”. *CSSP07*, Ecole Normale Supérieure, Paris, October 2007.
46. (with Ivy Sichel) “PP-fronting in the syntax of Possession”. *Mediterranean Syntax Meeting II*, Bogazici University, Istanbul, October 2008.
47. (with Edit Doron) “Imperfectivity and habituality”. *Imperfective Form and Imperfective Meaning Workshop*, Yale, New Haven, April 2009.
48. (with Edit Doron) “Hab and Gen in the expression of habituality”. *Genericity Conference*, Ecole Normale Supérieure, Paris, Mai 2009.
49. (with Lea Nash) “A higher applicative: evidence from French”. *IATL25*, Ben-Gurion University of the Negev, October 2009.
50. (with Lea Nash) “The syntax-pragmatic interface: the case of French Coreferential Datives”. *Going Romance 23*, Nice, December 2009.
51. (with Lea Nash) “High, higher and highest applicatives: the case of French non-core datives”. *West Coast Conference in Formal Linguistics 28*, University of South California, February 2010.
52. “Mitmašex o nigmar lo ha-sipur”. *Ha-ivrit safa xaya 20*. Oranim College, February 2010.
53. (with Lea Nash) “Getting high: The case of French non-core datives”. *Conference in Generative Grammar 20*, Barcelona, March 2010.
54. (with Lea Nash) “Non-core datives are merged high”. *4th European Dialect Syntax Meeting*, Donostia/San-Sebastian, June 2010.
55. (with Lea Nash) “Paths to datives”. Workshop on Argument Structure 2012. University of Debrecen, May 2012.
56. (with Elitzur Bar-Asher Siegal) “Non-core datives in Modern Hebrew”. *RALFe3*, Université Paris 8, Saint Denis, October 2014.
57. (with Elitzur Bar-Asher Siegal) “Non-core datives in Modern Hebrew”. *IATL30*, Ben-Gurion University of the Negev, October 2014.
58. (with Elitzur Bar-Asher Siegal) “What Discursive Datives are: the case of Modern Hebrew”. *TbiLLC*, Tbilissi Georgia, September 2015.
59. (with Elitzur Bar-Asher Siegal) “Modern Hebrew Discursive Datives: Discourse Management and the Expression of Exception”. *IATL31*, Bar-Ilan University, October 2015.

## CURRICULUM VITAE

**Candidate's name:** Eitan Grossman

**Updated:** 11 November 2015

### 1. PERSONAL DETAILS

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**Date of Birth:** 18.4.1975  
**Country of Birth:** USA  
**ID no.:** 31698329-5  
**Nationality:** Israel, USA  
**Marital status:** Married  
**No. of children:** 2

**Permanent address:** 59 Borochov Street, Apt. 8, Kiryat Hayovel, Jerusalem  
**Tel.:** 02-6427451

**E-mail address:** eitan.grossman@mail.huji.ac.il

### 2. HIGHER EDUCATION

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|           |  |
|-----------|--|
| 1999-2003 | Hebrew University of Jerusalem<br>B.A. (summa cum laude) in Linguistics  |
| 2003-2005 | M.A. (summa cum laude) in Linguistics  |
| 2005-2009 | PhD (summa cum laude) in Linguistics   |
| 2009-2010 | Post-doctoral Fellowship, University of Liège, Ramses Project<br>Host: Prof. Jean Winand, Dean of the Faculty of Humanities. |
| 2009-2010 | Kreitman Post-doctoral Fellowship, Ben-Gurion University<br>Host: Prof. Roni Henkin, Department of Hebrew Language           |
| 2010-2012 | Martin Buber Society of Fellows, Hebrew University of Jerusalem.   |

### 3. APPOINTMENTS AT THE HEBREW UNIVERSITY

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|      |   |
|------|---|
| 2012 | Lecturer (tenure-track), Hebrew University of Jerusalem<br>Joint appointment in the Department of Linguistics (2/3) and the School of Language Sciences (1/3) |
| 2014 | Appointed member of the Language, Logic and Cognition Center, Hebrew University of Jerusalem.   |

### 4. ADDITIONAL FUNCTIONS/TASKS AT THE HEBREW UNIVERSITY

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|              |  |
|--------------|--|
| 2012-present | BA/MA advisor, Department of Linguistics                       |
| 2012-present | Library acquisitions liaison, Department of Linguistics        |
| 2012-present | Departmental seminar co-coordinator, Department of Linguistics |

|              |   |
|--------------|---|
| 2012-present | Student-teacher committee, Department of Linguistics  |
| 2014-present | Curriculum reform committee, Department of Linguistics  |
| 2014-present | Martin Buber Society of Fellows in the Humanities and Social Sciences, academic advisor to Ruth HaCohen |
| 2014-present | Forum Hadashim (a forum for new faculty members), co-coordinator (with Elisheva Baumgarten).            |
| 2015-present | Faculty PhD committee, Linguistics  |
| 2015-present | Steering committee, Yad Hanadiv-funded program for curriculum development in the language sciences      |
| 2015-present | Head of the structural linguistics track, Department of Linguistics                                     |
| 2015-present | Hebrew-Arabic language exchange program, co-coordinator (with Ori Shachmon and Tawfiq Da'adli)          |

## 5. SERVICE IN OTHER ACADEMIC AND RESEARCH INSTITUTIONS

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|                  |  |
|------------------|--|
| 2011             | Visiting Professor, University of Liège (Spring semester)  |
| 2011             | Senior Research Fellow, TOPOI Excellence Cluster, Humboldt University (Berlin)   |
| 2012             | Visiting Professor, University of Liège (Spring semester)  |
| 2014-present and | Israel Academy of Sciences and Humanities group member<br>member of steering committee, 'Functionalist linguistics, linguistic typology, and language acquisition' |

## 6. OTHER ACTIVITY

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|              |  |
|--------------|--|
| 2010-present | Series editor of <i>Handbooks of Ancient Egyptian</i> , a projected multivolume series of handbooks on Egyptian linguistics to be published by Mouton de Gruyter. Three volumes slated for publication in 2016-2017. |
| 2012-present | Advisory board of the <i>Database and Dictionary of Greek Loanwords in Coptic (DDGLC)</i> , a long-term project funded by the Deutsche Forschungsgemeinschaft (DFG)  |
| 2014-present | Scientific committee of the <i>Coptic Scriptorium</i> project funded by the National Endowment for the Humanities  |
| 2015-present | Scientific committee of the <i>Association for Linguistic Typology</i>   |
| 2015-present | Scientific Committee of the <i>Societas Linguistica Europaea</i>   |
| 2015         | Submitted application for position of Associate Editor of the journal <i>Linguistic Typology</i> . Results expected in December 2015.  |

## 7. MEMBERSHIP IN A PROFESSIONAL ASSOCIATION

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|    |                                     |
|----|-------------------------------------|
| 1. | Société de Linguistique de Paris    |
| 2. | Linguistic Society of America       |
| 3. | Societas Linguistica Europaea       |
| 4. | Association for Linguistic Typology |
| 5. | Historical Sociolinguistics Network |

## 8. RESEARCH GRANTS

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|                 |  |
|-----------------|--|
| 2012-2013       | Short-term research grant for scientific cooperation with Dr. Giorgio Iemmolo (UZurich) from the Swiss National Science Foundation, 2012-2013, ca. €4500.  |
| 2013-2016       | Alon Fellowship for Outstanding Young Researchers  |
| 2013-2016       | <i>The typology of adposition borrowing</i> , Israel Science Foundation Grant 248/13, ₪115,000 per annum/3 years.  |
| Submitted       | <i>Speakers and listeners: a cross-linguistic, cross-domain perspective on the mechanisms and motivations of language change</i> , Niedersachsen-Israeli Research Fund, 2015, submitted with Götz Keydana (UGöttingen). Results expected in December 2015.                           |
| To be submitted | <i>Transitivity and valency in language contact: the case of Coptic</i> , German-Israeli Foundation for Scientific Research and Development, 2013, submitted with T. Sebastian Richter (ULeipzig). Highest scores, not funded. Resubmitted in 2015, results expected in summer 2016. |

## 9. TEACHING AT THE HEBREW UNIVERSITY

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### A. Supervision of master and doctoral degree students in the last five years

#### Master's degree students:

##### Current

1. Noa Goldblatt – *The polysemy of duh ('do') in Pennsylvania German* (Mandel Scholarship)
2. Hagay Schurr – *Intransitivity in Romance languages: a diachronic study* (Mandel Scholarship).
3. Minjeung Ko (MA) - *Linguistic innovation connected to the honorific affix in Korean*.  
Co-supervisor: Anton Antonov (INALCO, Paris).
4. Nadav Matalon – *The function of prosodic lengthening in spoken Hebrew* (tentative title).  
Co-supervisor: Michal Marmorstein (Ben-Gurion University).
5. Eliana Kessler (MA) - *Valency and transitivity in contact: Arabic loan verbs in early modern Persian* (tentative title).

##### Completed under my supervision

1. Rammie Cahlon – *The habitual periphrasis in Cuzco Quechua*. Finished in 2013.
2. Iddo Diamant – *The typology of classifiers in verbal constructions*. Finished in 2014.
3. Yoram Melzter– *Lexical innovation in Honduran Spanish*. Finished in 2014.

##### Doctoral degree students:

1. Rammie Cahlon – *An areal typology of Quechuan languages*  
Accepted for joint PhD program with Leiden University; President's Scholarship.  
Co-supervisor: Willem Adelaar (Leiden University).

2. Haim Dubossarsky– *Computational studies of semantic change of words in historical corpora* (Edmond and Lily Safra Center for Brain Sciences).  
Co-supervisor: Daphna Weinshall (HUJI, Computer Science).
3. Dalibor Holan– visiting PhD student (Czech Republic),  
*Semi-affixes in Romance*. Academic host for 2014-2015.

**Member of the PhD committee (non-supervisor)**

1. Gili Diamant (Linguistics)
2. Assaf Bar-Moshe (Linguistics)

**B. Post-doctoral Visitors (short-term)**

- 2012-2013 Giorgio Iemmolo (University of Zurich, Department of General & Comparative Linguistics)
- 2014 Malte Rosemeyer (University of Freiburg, Department of Romance Philology)  
Ilja Seržants (Zukunftskolleg, University of Konstanz)

In 2015-2016, two post-doctoral researchers have come to work with me for the current academic year:

- 2015-2016 Pavel Ozerov (Linguistics, PhD from La Trobe University, Australia)  
Ezequiel Koile (Theoretical Physics, PhD from Universidad Nacional de la Plata, Argentina)

**C. Courses taught in the last 5 years**

**Bachelor's degree courses**

| Course   | Number | Years                                      | Co-teachers            |
|--|--------|--|------------------------|
| Introduction to Linguistics                      | 10801  | 2012-2013, 2013-2014, 2014-2015, 2015-2016 | Nora Boneh, Noam Faust |
| Introduction to Historical Linguistics           | 10818  | 2013-2014, 2015-2016                       |                        |
| Historical Syntax                                | 10807  | 2012-2013,                                 |                        |
| Speakers and Listeners: Theories of Sound Change | 10812  | 2013-2014                                  |                        |
| Typological Syntax                               | 41044  | 2015-2016                                  | Eran Cohen             |
| The Structure of Coptic                          | 41652  | 2012-2013, 2014-2015                       |                        |
| Topics in Coptic Grammar                         | 41654  | 2013-2014, 2015-2016                       |                        |
| The Structure of Middle Egyptian                 | 41620  | 2012-2013,                                 |                        |
| Historical Grammar of Egyptian-Coptic            | 41603  | 2013-2014                                  |                        |

**Master's degree courses**

| Course  | Number      | Years                                      | Co-teachers           |
|---|-------------|--|-----------------------|
| Language Typology                                       | 10808       | 2012-2013, 2013-2014, 2014-2015, 2015-2016 |                       |
| Languages in Contact: A Typological Perspective         | 41812       | 2014-2015                                  |                       |
| Topics in Contemporary Linguistics: Inter-track Seminar | 41833+36864 | 2014-2015                                  | Malka Rappaport Hovav |
| Research seminar for MA students                        | 41819+41821 | 2013-2014, 2014-2015                       |                       |

### **Mini-courses developed and coordinated**

- 2014-2015            Language contact: theory and case studies (41050)  
Taught by Yaron Matras (UManchester), funded by Alon fellowship
- 2015-2016            Language Documentation and Linguistic Fieldwork: Theory Meets Practice (10904+10905)  
Taught by teachers from abroad, co-coordinated with other linguists from the faculty and from Scholion

## LIST OF PUBLICATIONS

**Candidate`s name:** Eitan Grossman

**Last updated:** 11 November 2015

### DOCTORAL DISSERTATION

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(cross-referenced)

1. Grossman, Eitan. 2009. *Structural studies in the syntax of Early Bohairic Coptic*. Unpublished Hebrew University of Jerusalem PhD dissertation, *summa cum laude*. Supervised by Ariel Shisha-Halevy (Linguistics). Submitted August 2009, approved October 2009.

### BOOKS

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(in chronological order; cross-referenced)

### BOOKS EDITED:

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(in chronological order; cross-referenced; year+ indicates work that has not yet been published)

#### Since beginning position

2. Grossman, Eitan, Stéphane Polis, & Jean Winand (eds.). 2012. *Lexical Semantics in Ancient Egyptian* (=Lingua Aegyptia Studia Monographica 9). Hamburg: Kai Widmaier Verlag.
3. Grossman, Eitan, Stéphane Polis, Andreas Stauder & Jean Winand (eds.). 2014. *Forms and Functions: Studies in Ancient Egyptian-Coptic Grammar* (=Lingua Aegyptia Studia Monographica 15). Hamburg: Widmaier Verlag.
4. Grossman, Eitan, Martin Haspelmath & Tonio Sebastian Richter (eds.). 2014. *Egyptian-Coptic Linguistics in Typological Perspective* (=Empirical Approaches to Language Typology 55). Berlin & New York: De Gruyter Mouton.
5. Cromwell, Jennifer & Eitan Grossman (eds.). 2015+. *Beyond Free Variation: Scribal Repertoires from Old Kingdom to Early Islamic Egypt*. In press (contract available upon request). Oxford University Press.
6. Eitan Grossman & Stéphane Polis. 2015+a. *Possession in Ancient Egyptian* (=Mouton Companions to Ancient Egyptian 2). Berlin & New York: De Gruyter Mouton.
7. Eitan Grossman, Alena Witzlack-Makarevich & Ilja Serzant. 2015+. *Transitivity and valency in cross-linguistic perspective*. Special issue of *Journal of Language Contact*, contributions under external review.

### CHAPTERS IN COLLECTIONS:

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(in chronological order; cross-referenced)



### Before beginning position

8. Grossman, Eitan. 2007. Worknotes on Nitrian Bohairic Syntax: A Hitherto Unnoticed Circumstantial Conversion? In: Anne Boud'hors & Nathalie Bosson (eds.), *Proceedings of the 8th International Congress of Coptic Studies*, Paris 2004, Peeters. Vol. II (2007), 711-726.
9. Grossman, Eitan. 2009. Protatic *efsôtm* Revisited. In: Anna Giewekemeyer, Gerard Moers & Kai Widmaier (eds.), *Liber amicorum - Jürgen Horn zum Dank*, Göttingen: Göttinger Miszellen Beihefte 5: 47-56.

### Since beginning position

10. Grossman, Eitan. & Stéphane Polis. 2012a. Navigating polyfunctionality in the lexicon: Semantic maps and Ancient Egyptian lexical semantics. In: Eitan Grossman, Stéphane Polis, and Jean Winand (eds.), *Lexical Semantics in Ancient Egyptian* (= *Lingua Aegyptia Studia Monographica* 9), 175-225. Hamburg: Kai Widmaier Verlag. See #2.
11. Grossman, Eitan & Stéphane Polis. 2012b. Lexical semantics in Ancient Egyptian: an introduction. In: Eitan Grossman, Stéphane Polis, and Jean Winand (eds.) *Lexical Semantics in Ancient Egyptian* (= *Lingua Aegyptia Studia Monographica* 9), 1-15. Hamburg: Kai Widmaier Verlag. See #2.
12. Grossman, Eitan. 2013. "So you just flow with it": the inclusive second person as a discursive strategy in "soldiers" testimonies. In: David Shulman (ed.), *Meditations on Authority*, 157-191. Jerusalem: Magnes University Press.
13. Grossman, Eitan, Guillaume Lescuyer & Stéphane Polis. 2014. Contexts and inferences: the grammaticalization of the Later Egyptian Allative Future. In: Eitan Grossman, Stéphane Polis, Andréas Stauder & Jean Winand (eds.), *Forms and Functions: Studies in Ancient Egyptian-Coptic Grammar*. 87-136. Hamburg: Kai Widmaier Verlag. See #3.
14. Grossman, Eitan & Stéphane Polis. 2014a. Forms and functions in Ancient Egyptian: a short introduction. In: Eitan Grossman, Stéphane Polis, Andréas Stauder & Jean Winand (eds.), *Forms and Functions: Studies in Ancient Egyptian-Coptic Grammar*. 1-6. Hamburg: Kai Widmaier Verlag. See #3.
15. Grossman, Eitan & Martin Haspelmath. 2014. On the transliteration of Coptic. In: Eitan Grossman, Martin Haspelmath & Tonio Sebastian Richter (eds.), *Egyptian-Coptic Linguistics in Typological Perspective*, 145-153. Berlin & New York. De Gruyter Mouton. See #4.
16. Grossman, Eitan & Tonio Sebastian Richter. 2014. The Egyptian-Coptic language: its setting in space, time and culture. In: Eitan Grossman, Martin Haspelmath & Tonio Sebastian Richter (eds.), *Egyptian-Coptic Linguistics in Typological Perspective*, 69-101. Berlin & New York. De Gruyter Mouton. See #4.
17. Grossman, Eitan. 2014a. No case before the verb in Coptic. In: Eitan Grossman, Martin Haspelmath & Tonio Sebastian Richter (eds.), *Egyptian-Coptic Linguistics in Typological Perspective*, 203-225. Berlin & New York. De Gruyter Mouton. See #4.
18. Grossman, Eitan. 2014b. A late Fayyumic letter. In: Anne Boud'hors & Catherine Louis (eds.) *Coptica Argentoratensia. Conférences et documents de la 3e université d'été en papyrologie copte (Strasbourg, 18-25 juillet 2010)*. 193-198.

19. Haim Dubossarsky, Yulia Tvetkov, Chris Dyer & Eitan Grossman. 2015. A bottom-up approach to category mapping and meaning change. In: Vito Pirrelli, Claudia Marzi, Marcello Ferro (eds.): *Word Structure and Word Usage. Proceedings of the NetWordS Final Conference, Pisa, March 30-April 1, 2015*, published at <http://ceur-ws.org>.
20. Delattre, Alain & Grossman, Eitan. In press. A new Early Bohairic text. In: R. Pintaudi, (ed.) *Antinoupolis 2*. Florence: Instituto Papyrologico G. Vitelli.
21. Eitan Grossman & Stéphane Polis. 2015+b. Four thousand years of prohibitive constructions and prohibitive cycles in Egyptian-Coptic. Submitted to: Elsa Oréal & Jean Winand (eds.) *Negation in Ancient Egyptian*. Berlin & New York: De Gruyter Mouton.
22. Jennifer Cromwell & Eitan Grossman. In press. Scribes, repertoires, and variation. In: Jennifer Cromwell & Eitan Grossman (eds.), *Scribal repertoires in Egypt from the Old Kingdom to the Early Islamic Period*, 1-16. Oxford: Oxford University Press. See #5.
23. Noam Faust & Eitan Grossman. 2015+. A preliminary grammatical sketch of Nuer (Western Nilotic). Under review for: Zelealem Leyew, Ronny Meyer, Yvonne Treis & Bedilu Wakjira (eds.), *Oxford Handbook of Ethiopian Languages*.
24. Eitan Grossman. 2015+a. Focalized possession in the Coptic dialects. Accepted to: Eitan Grossman & Stéphane Polis (eds.). *Possession in Ancient Egyptian*. Berlin & New York: De Gruyter Mouton. See #6.
25. Eitan Grossman. 2015+b. What's a nice affix like you doing in a place like this? From suffix to prefix to infix (without movement) via Differential Object Marking. Accepted to: Ilja Seržant, Alena Witzlack-Makarevich & Kelsey Mann (eds.) *The Diachronic Typology of Differential Argument Marking*. Berlin: Language Sciences Press.
26. Eitan Grossman. 2015+c. Language-specific transitivities in contact: the case of Coptic. Under revision for Eitan Grossman, Alena Witzlack-Makarevich & Ilja Seržant (eds.) *Transitivity and Valency in Contact: A cross-linguistic perspective* (see #6 above).

#### **ARTICLES:**

(in chronological order; cross-referenced)

#### **Before beginning position**

27. Grossman, Eitan. 2007. Protatic iir=f sdm in the Report of Wenamun: A Proto-Demotic Feature? *Göttinger Miszellen* 215: 49-56.
28. Grossman, Eitan. 2008. Nucleus-Satellite Analysis and Conjugation Mediation in Coptic and Later Egyptian. *Zeitschrift für ägyptische Sprache und Altertumskunde* 135/2: 16-29.
29. Grossman, Eitan. 2009. The Syntax of Argument Clauses in Sahidic Coptic. *Zeitschrift für ägyptische Sprache und Altertumskunde* 136/1: 19-32.
30. Grossman, Eitan. 2009. Periphrastic Perfects in the Coptic Dialects: A Case Study in Grammaticalization. *Lingua Aegyptia* 17: 81-118.
31. Cromwell, Jennifer. and Eitan Grossman. 2010. Condition(al)s of Repayment: P. CLT 10 Reconsidered. *Journal of Egyptian Archaeology* 96.

### Since beginning position

32. Grossman, Eitan & Stéphane Polis. 2014b. On the pragmatics of subjectification: the emergence and modalization of an Allative Future in Ancient Egyptian. *Acta Linguistica Hafniensia* 46/1: 25-63.
33. Grossman, Eitan & Ira Noveck. 2015. What can historical linguistics and experimental pragmatics offer each other? *Linguistics Vanguard* 1.
34. Grossman, Eitan. 2015+d. Did Greek influence the Coptic prefixing preference? accepted by the *Journal of Language Contact*.
35. Grossman, Eitan, Jacques, Guillaume & Anton Antonov. 2015+. (Yet) another universal bites the dust: adverbial subordinator prefixes exist. Under revision for *Linguistics*.
36. Grossman, Eitan. 2015+e. From rarum to rarissimum: an unexpected zero person marker. Under revision for *Linguistic Typology*.
37. Grossman, Eitan. 2015+f. Noun phrase (?) incorporation: a preliminary cross-linguistic study. Under review for *Folia Linguistica*.
38. Haim Dubossarsky, Daphna Weinsahl & Eitan Grossman. 2015+f. Verbs change more than nouns: a bottom-up computational approach to semantic change. Under review for *Italian Journal of Linguistics*.

### OTHER PUBLICATIONS:

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(in chronological order)

#### Reviews

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39. Grossman, Eitan. 2007. Review of Malcolm Choat, *Belief and Cult in the Fourth Century Papyri* in *Scripta Classica Israelica* 26: 248-252.
40. Grossman, Eitan. 2007. Review of Sofia Torallas-Tovar, *Identidad lingüística e identidad religiosa en el Egipto grecorromano* in *Scripta Classica Israelica* 26: 246-248.
41. Grossman, Eitan. 2011. Review of Bohumil Vykypěl, *Empirical functionalism and the Prague School* (= Travaux linguistiques de Brno 6.) Munich: LINCOM Europa, 2009. In *Language short reviews*.
42. Grossman, Eitan. 2011. Review of Dirk Geeraerts, *Theories of lexical semantics*. Oxford: Oxford University Press, 2010. In *Language short reviews*.
43. Grossman, Eitan. 2011. Review of *Language usage and language structure*. Ed. by Kasper Boye and Elisabeth Engberg-Pedersen. (Trends in linguistics. Studies and monographs 213.) Berlin: Mouton de Gruyter, 2010. In *Language short reviews*.

#### Blog posts

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44. Grossman, Eitan. 2013. On the costs of ignoring language change. *Diversity Linguistics Comment*. <http://dlc.hypotheses.org/371>.
45. Grossman, Eitan. 2013. On double accusative marking. *Diversity Linguistics Comment*. <http://dlc.hypotheses.org/446>.
46. Grossman, Eitan. 2015. A proposal for the glossing of bound formatives without committing to their nature. *Diversity Linguistics Comment*. <http://dlc.hypotheses.org/843>.

## CONFERENCES:

### Conferences and workshops organized

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#### Before beginning position

1. Linguistics section of the *9th International Congress of Coptic Studies*. Cairo, 2008. Organized with Ariel Shisha-Halevy (HUJI).
2. *Lexical Semantics in Ancient Egyptian*. Liège University, 2009. Organized with Stéphane Polis and Jean Winand (both ULiège).
3. *Beyond Free Variation: Scribal Repertoires from Old Kingdom to Early Islamic Egypt*. Oxford University, 2009. Organized with Jennifer Cromwell (OxfordU).
4. *Identifying and Describing Lexical Borrowing*. Liège University, 2010. Organized with Esther Baiwir and Stéphane Polis(both ULiège).
5. *Linguistic Borrowing into Coptic*. University of Leipzig, 2010. Max Planck Institute for Evolutionary Anthropology and the Hebrew University. Organized with Tonio Sebastian Richter (ULeipzig) and Martin Haspelmath (MPI Leipzig).
6. *Linguistic Perspectives on Prolepsis*. Liège University, 2010. Organized with Hilla Halla-Aho (UHelsinki) and Dominique Longrée (ULiège).
7. *Repetition: an interdisciplinary workshop*. Hebrew University of Jerusalem. Organized with Roy Wagner, Uri Gabbay, and Sibylle Schmidt (all Martin Buber Society of Fellows).
8. *Syntactic Theory and Egyptian Syntax*. University of Liège, 2011. Organized with Stéphane Polis and Jean Winand (ULiège).
9. *Scribes as Agents of Language Change: Historical-sociolinguistic Approaches to Text Languages*. Cambridge University, 2011. Organized with Esther-Miriam Wagner.
10. *A Workshop in Honor of Ariel Shisha-Halevy*, Hebrew University of Jerusalem, 2012. With Eran Cohen (HUJI) and Michal Marmorstein (HUJI).

#### Since beginning position

11. *The typology of adposition borrowing*, workshop at the Societas Linguistica Europaea 46. Split, 2013. Organized with Giorgio Iemmolo (UZurich), Stéphane Polis (ULiège), and Petros Karatsareas (UWestminster).
12. *Valency and transitivity in contact: a cross-linguistic perspective*, workshop at the Societas Linguistica Europaea 47. Poznan, 2014. Organized with Susanne Michaelis (Max Planck Institute for Evolutionary Anthropology, Leipzig).
13. *Experimental pragmatics and language change*. The Hebrew University of Jerusalem, May 14-16, 2014. Organized with Ira Noveck (CNRS Lyon).
14. *Possession in Ancient Egyptian-Coptic*. University of Liège, 6-8 February 2014. Organized with Stéphane Polis (ULiège).
15. *Case and agreement: between grammar and information structure*. The Hebrew University of Jerusalem, January 13, 2014. Organized with Giorgio Iemmolo (UZurich).
16. *Usage-based linguistics*. The Hebrew University of Jerusalem, June 14, 2015. Organized with Inbal Arnon (HUJI), Elitzur Bar-Asher Siegal (HUJI), and Mira Ariel (TAU).
17. *Verbs, verb phrases, and verbal categories*. The Hebrew University of Jerusalem, February 2015. Organized with Lea Sawicki (HUJI), in cooperation with Vladimir Plungian (Moscow) and Ekaterina Rakhilina (Moscow).

### Conferences and workshops attended

#### Before beginning position

1. 'Innovation and repertoire: the case of Late Egyptian,' *Kulturkontakt und Innovation*, Vienna, June 2003.
2. 'Worknotes on Nitrian Bohairic syntax,' *8th International Congress of Coptic Studies*, Paris, July 2004.
3. 'On Polotsky's relative-clause analysis of the the Coptic Second Tenses,' *After Polotsky*, Bonn, 2005.
4. 'The idiolect of a Sahidic author,' *Shenoute Workshop*, Monserrat, 2006.
5. 'Typology, dialectology, and diachrony: prohibitive constructions in the Coptic dialects,' *Language Typology and Egyptian-Coptic Linguistics*. Max Planck Institute for Evolutionary Anthropology, March 2008.
6. 'Nominal determination and focus in Early Bohairic,' *9th International Congress of Coptic Studies*, Cairo, September 2008. (Given in absentia).
7. 'The grammaticalization of the periphrastic perfect in Coptic: a typological perspective' *Crossroads IV*, Basel, March 2009.
8. 'Navigating polyfunctionality in the lexicon with a semantic map,' *Lexical Semantics in Ancient Egyptian*, Liège, December 2009 (with Stéphane Polis).
9. 'Grammatical variation and language change: the case of Greek verb lexemes in the Coptic dialects,' *Beyond Free Variation: Scribal Repertoires from Old Kingdom to Early Islamic Egypt*, Oxford, September 2010.
10. 'Functional and non-functional motivations for the emergence of proleptic constructions,' *Linguistic approaches to prolepsis*, Liège 2010 (with Stéphane Polis).
11. 'Pragmatic inferencing and the rise of the Allative Future in Egyptian,' *Konzeptualisierung von Raum: Morphosyntax und Semantik spatialer Relatoren*, *Deutsche Gesellschaft für Sprachwissenschaft*, Berlin, February 2010 (with Stéphane Polis).
12. 'What's integrated into what (and by whom)?' *Identifying and Describing Lexical Borrowing*, Liège, March 2010.
13. 'Towards a typology of adposition borrowing: Greek-origin prepositions in Coptic,' *Linguistic Borrowing in Coptic*. Leipzig 2010.
14. 'On the pragmatics of subjectification: the emergence and modalization of an Allative Future in Ancient Egyptian,' *Grammaticalization and (Inter)subjectification*, *GRAMIS*, Brussels, November 2010 (with Stéphane Polis).
15. 'Scribes as agents of destandardization,' *Scribes as Agents of Language Change*, Cambridge (UK), April 2011. Keynote address.
16. 'A functional perspective on control and raising,' *Syntactic Theory and Egyptian Syntax*, Liège, May 2011.

#### **Since beginning position**

17. 'A rare case of Differential Subject Marking on S/A: the case of Coptic,' *Association of Linguistic Typology 10*, Leipzig 2013, with Giorgio Iemmolo.
18. 'Adposition borrowing: a cross-linguistic perspective,' *Societas Linguistica Europaea 46*, Split 2013.
19. 'Evaluating a universal of borrowing: Linear Order Preservation,' *Societas Linguistica Europaea 46*, Split 2013.
20. 'Case in Coptic: what's 'coded'?' workshop on *Case and Agreement Between Grammar and Information Structure*, Hebrew University of Jerusalem, 2014.

21. 'Allative-future syncretism in Malayic languages and beyond,' with David Gil (MPI Leipzig), *Syntax of the World's Languages 6*, Pavia 2014.
22. 'Valency and transitivity in contact: the case of Coptic,' workshop on *Transitivity and Valency in Contact: A Cross-Linguistic Perspective*, *Societas Linguistica Europaea 47*, Poznan 2014.
23. 'Answering Greenberg's Questions,' *Quo Vadis Linguistics in the 21st Century*. Round-table plenary panel at *Societas Linguistica Europaea 47*, Poznan 2014.
24. 'Prohibitive constructions in Later Egyptian,' *Negation in Ancient Egyptian*, Paris, December 2014.
25. 'Noun phrase (?) incorporation in Coptic and beyond: a preliminary typological survey,' *Association of Linguistic Typology 11*, Albuquerque, August 2015.
26. 'Presuppositions and language change: the grammaticalization of 'finish' anteriors in Spanish and beyond,' with Malte Rosemeyer (UFreiburg), *Societas Linguistica Europaea 48*, Leiden, September 2015.

# AYNAT RUBINSTEIN

## CURRICULUM VITAE

Updated: 14 November 2015

### 1. PERSONAL DETAILS

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**Address:** Mandel Scholion Interdisciplinary Research Center in the Humanities and Jewish Studies, Mandel Building 245, Mt. Scopus, Jerusalem 91905, Israel

**Tel.:** +972-2-5883122 (office)

+972-2-5719243 (home)

+972-528-729093 (cell)

**Fax:** +972-2-5881196 (office)

**E-mail address:** [aynat.rubinstein@mail.huji.ac.il](mailto:aynat.rubinstein@mail.huji.ac.il)

**Website:** <http://pluto.huji.ac.il/~aynatr>

### 2. HIGHER EDUCATION

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10/1998-08/2003      Tel Aviv University, The Adi Lautman Interdisciplinary Program for Outstanding Students  
B.Sc. in Computer Science (*magna cum laude*) and Linguistics (*summa cum laude*)

02/2002-05/2006      Tel Aviv University  
M.A. in Linguistics (*summa cum laude*)

09/2005-09/2012      University of Massachusetts Amherst  
Ph.D. in Linguistics  
Advisor: Prof. Angelika Kratzer

### 3. ACADEMIC APPOINTMENTS

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09/2011-08/2013      Georgetown University  
Postdoctoral Fellow, Department of Linguistics  
*The Semantics of Gradable Modal Expressions*, NSF project BCS-1053038 (PIs: Katz, Portner, Herbruger)

10/2013-present      The Hebrew University of Jerusalem  
Mandel Postdoctoral Fellow, The Mandel Scholion Interdisciplinary Research Center in the Humanities and Jewish Studies

## 4. ACTIVITY

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### Awards and Honors

|      |   |
|------|---|
| 1998 | University scholarship, The Adi Lautman Interdisciplinary Program for Outstanding Students, Tel Aviv University                                   |
| 2000 | Scholarships to attend Princeton In Beijing Chinese language program, Princeton and Tel Aviv Universities   |
| 2001 | Excellent students of Chinese prize, Tel Aviv University Department of East Asian Studies and the Taipei Economic and Cultural Office in Tel Aviv |
| 2002 | Minerva Foundation stipend, German Israeli Minerva Summer School on Computational Linguistics   |
| 2004 | Faculty of Humanities achievement award, Tel Aviv University  |
| 2009 | Department dissertation fellowship, Department of Linguistics, University of Massachusetts Amherst  |
| 2013 | Mandel postdoctoral fellowship, The Hebrew University of Jerusalem  |

### Service

|                               |  |
|-------------------------------|--|
| Refereeing                    | <i>Natural Language and Linguistic Theory</i><br><i>Linguistic Inquiry</i><br><i>Linguistics and Philosophy</i><br><i>Journal of Pragmatics</i><br><i>Australian Journal of Linguistics</i><br><i>Journal of Jewish Languages</i><br><i>Synthese</i><br><i>Journal of Semantics</i><br><i>Semantics &amp; Pragmatics</i><br>Cambridge University Press (book manuscript)   |
| Editorial Board               | <i>Semantics &amp; Pragmatics</i>  |
| Conference abstract reviewing | SALT (Semantics and Linguistic Theory) 23 UCSC, 25 Stanford<br>IATL (Israel Association for Theoretical Linguistics) 30, 31<br>NASSLLI Student Session 2014  |
| Book reviewing                | Review of Narrog 2012, <i>Modality, Subjectivity, and Semantic Change</i> ,<br>Linguist List 24.2942 (2013)  |
| Conference organization       | <i>Annotation of Modal Meaning in Natural Language</i> , held in conjunction with the 10th International Conference on Computational Semantics (IWCS) 2013, workshop co-organizer, Potsdam, Germany;<br><i>New Directions in Negation and Polarity</i> , workshop co-organizer, February 2015, The Hebrew University of Jerusalem, Israel;<br><i>Language Documentation and Linguistic Fieldwork: Theory Meets Practice</i> , winter school co-organizer, The Hebrew University of Jerusalem, Israel [February 2016] |



Other service Graduate student representative to the faculty, UMass Amherst (2007); Conference Committee, SALT 18, UMass Amherst (2008); Organizer of the UMass Semantics Reading Group (2008-2009); Organizer of the LLCC Negation Raising Reading Group (2013-2014)

### Outreach

- Prototype design and presentation at the Ben-Yehuda Hackathon, University of Haifa, 17-18 February 2014
- “*Ads Awakening*”: Digital transcription marathon of pre-statehood Hebrew posters (task design, organization, ongoing cooperation). In cooperation with the National Library of Israel, 29 May 2015

### Industry Work Experience

2002-2005 Software engineer in Natural Language Processing, ClearForest Corporation, Or Yehuda, Israel

## **5. ACADEMIC TEACHING AND ADVISING**

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### Instructor

Introduction to Linguistic Theory (UMass, 2008)  
Structure of Semitic Languages (Georgetown, 2012)  
Corpora and Statistics for Language Research (HUJI, 2014)  
Modality and Scalarity (HUJI, 2015)  
[Topics in Computational and Corpus Linguistics] [HUJI, 2015-2016]

### Teaching Assistant

People and Their Language (UMass, 2007)  
Introduction to Linguistic Theory (UMass, 2006, 2007, 2010, 2011)  
Introduction to Semantics (UMass, 2010)

### Advising

Dissertation Committee Member:

- Yanyan Cui, Georgetown University (in progress; defended May 2015)

Masters Research Paper Reader:

- Laura Ryals, Georgetown University (April 2013)

## **6. RESEARCH GRANTS**

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2009 Summer fieldwork support, Department of Linguistics, University of Massachusetts Amherst, “Decoupling Tense and Aspect in Chinese” [with Masashi Hashimoto]  
\$500

## **7. MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS**

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Linguistic Society of America  
Israel Association for Theoretical Linguistics  
Digital Humanities Israel  
האגודה הישראלית לתיעוד בעל פה

## **8. LANGUAGES**

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Hebrew (native)  
English (near native)  
Modern Standard Arabic (fully proficient)  
Mandarin Chinese (intermediate)  
Yiddish (basic)  
American Sign Language (basic)

R, Perl, CQP, C++, LaTeX

## AYNAT RUBINSTEIN

### LIST OF PUBLICATIONS

Updated: 14 November 2015

#### DOCTORAL DISSERTATION

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1. **Rubinstein, A.** (2012). Roots of Modality. Doctoral Dissertation, University of Massachusetts Amherst. (Advisor: Angelika Kratzer)

#### CHAPTERS IN COLLECTIONS

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2. Portner, P. and **A. Rubinstein** (in press). Extreme and non-extreme deontic modals. In N. Charlow and M. Chrisman (eds.), Deontic modality. Oxford University Press.
3. **Rubinstein, A.** (to appear). Straddling the line between attitude verbs and necessity modals. In A. Arregui, M. L. Rivero, and A. P. Salanova (eds.), Modality across syntactic categories. Oxford University Press.

#### ARTICLES

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4. **Rubinstein, A.**, I. Sichel, and A. Tsirkin-Sadan (2015). Superfluous negation in Modern Hebrew and its origins. Journal of Jewish Languages 3: 165-182.
5. **Rubinstein, A.** (2014). On necessity and comparison. Pacific Philosophical Quarterly 95(4): 512-554.

#### OTHER PUBLICATIONS

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##### Proceedings of Peer-Reviewed Conferences

6. **Rubinstein, A.** and E. Doron (2015). Varieties of alternative unconditionals. In N. Melnik (ed.), Proceedings of the Israel Association for Theoretical Linguistics 30, pp. 101-114.
7. Herburger, E. and **A. Rubinstein** (2014). Is 'more possible' more possible in German? In T. Snider, S. D'Antonio and M. Weigand (eds.), Proceedings of Semantics and Linguistic Theory (SALT) 24, pp. 555-576.
8. **Rubinstein, A.** (2013). Figuring out what we *ought* to do: the challenge of delineating priorities. In Proceeding of the 36th Penn Linguistics Colloquium, U. Penn Working Papers in Linguistics (PWPL), vol. 19, no. 1, pp. 169-178.

9. Katz, G., P. Portner, and **A. Rubinstein** (2012). Ordering combination for modal comparison. In A. Chereches (ed.), Proceedings of Semantics and Linguistic Theory (SALT) 22, pp. 488-507.
10. Portner, P. and **A. Rubinstein** (2012). Mood and contextual commitment. In A. Chereches (ed.), Proceedings of Semantics and Linguistic Theory (SALT) 22, pp. 461-487.
11. **Rubinstein, A.** (2009). Groups in the semantics of reciprocal verbs. In A. Schardl et al. (eds.), Proceedings of the 38th annual meeting of the North East Linguistic Society, volume 2, Amherst: GLSA, pp. 269-282.

*Workshop Proceedings*

12. **Rubinstein, A.**, H. Harner, E. Krawczyk, D. Simonson, G. Katz, and P. Portner (2013). Toward fine-grained annotation of modality in text. Proceedings of IWCS 2013 Workshop on Annotation of Modal Meanings in Natural Language (WAMM), pp. 38-46.
13. **Rubinstein, A.** (2011). Projective signals of weak necessity modals. In G. Kierstead (ed.), Proceedings of ESSLLI 2011: Workshop on Projective Content, pp. 141-155.
14. **Rubinstein, A.** (2003). Using LSA to detect irony. In J. Barnden et al. (eds.), Proceedings of the Interdisciplinary Workshop on Corpus-Based Approaches to Figurative Language 27 March 2003, Lancaster: UCREL.

**CONFERENCES**

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*Peer-Reviewed Conferences*

- i. Doron, E. and **A. Rubinstein** (2015). Transparent unconditionality. Poster presented at Semantics and Linguistics Theory (SALT 25). Stanford University, May 2015.
- ii. Doron, E. and **A. Rubinstein** (2014). Varieties of alternative unconditionals. Paper presented at the Israel Association for Theoretical Linguistics (IATL 30). Ben-Gurion University, October 2014
- iii. Herburger, E. and **A. Rubinstein** (2014). Is ‘more possible’ more possible in German? Poster presented at Semantics and Linguistics Theory (SALT 24). New York University, May 2014.
- iv. Herburger, E. and **A. Rubinstein** (2014). Is ‘more possible’ more possible in German? Paper presented at the West Coast Conference on Formal Linguistics (WCCFL 32). University of Southern California, March 2014.

- v. **Rubinstein, A.** (2013). Negotiable and non-negotiable necessities: the view from arguments. Paper presented at the International Congress of Linguists. Geneva, July 2013.
- vi. **Rubinstein, A.** and P. Portner (2013). Contextual commitment and desiderative verbs. Poster presented at the International Congress of Linguists. Geneva, July 2013.
- vii. **Rubinstein, A.** (2013). A crosslinguistic constraint on the expression of deontic modality. Paper presented at the International Congress of Linguists, Workshop on Modality as a Window on Cognition. Geneva, July 2013.
- viii. **Rubinstein, A.** (2013). On necessity and comparison. Paper presented at the USC Deontic Modality Workshop. University of Southern California, May 2013.
- ix. **Rubinstein, A.**, H. Harner, E. Krawczyk, D. Simonson, G. Katz, and P. Portner (2013). Toward fine-grained annotation of modality in text. Paper presented at the Workshop on Annotation of Modal Meaning in Natural Language (WAMM). Potsdam University, March 2013.
- x. Katz, G., P. Portner, and **A. Rubinstein** (2012). Ordering combination for modal comparison. Poster presented at Semantics and Linguistics Theory (SALT 22). University of Chicago, May 2012.
- xi. **Rubinstein, A.** (2012). Straddling the line between attitude verbs and necessity modals. Paper presented at the Modality Workshop @ OttawaU. Ottawa University, April 2012.
- xii. **Rubinstein, A.**, D. Simonson, J. Chung, H. Harner, G. Katz, and P. Portner (2012). Developing a methodology for modality type annotations on a large scale. Paper presented at the Modality Workshop @ OttawaU. Ottawa University, April 2012.
- xiii. **Rubinstein, A.** (2012). Figuring out what we *ought* to do. Poster presented at the 36th Penn Linguistics Colloquium (PLC). University of Pennsylvania, March 2012.
- xiv. **Rubinstein, A.** (2010). *Needing to have* but not *needing*: the limited modal potential of intensional transitive verbs. Poster presented at the 23rd annual meeting of the CUNY Conference on Human Sentence Processing. New York University, March 2010.
- xv. **Rubinstein, A.**, M. Hashimoto, and C. Davis (2009). Decoupling tense and aspect in Chinese. Paper presented at CHRONOS 9. Université Paris-Diderot, September 2009.
- xvi. **Rubinstein, A.** (2009). Between modals and verbs: the dual role of ‘must’ and ‘need’. Poster presented at the 83rd annual meeting of the Linguistic Society of America. San Francisco, January 2009.

- xvii. **Rubinstein, A.** (2007). Groups in the semantics of reciprocal verbs. Paper presented at the 38th Meeting of the North East Linguistic Society (NELS). Ottawa University, October 2007.

*Invited Talks and Lectures*

- xviii. **Rubinstein, A.** (2015). Degrees of epistemic and priority necessity in adjectives. Invited speaker at the workshop “Modality across Categories”. Pompeu Fabra University, Barcelona, November 2015.
- xix. **Rubinstein, A.** (2015). On gradable modality and neg-raising: the role of comparison. Invited talk at the Logic, Language, and Cognition Center (LLCC) seminar. The Hebrew University of Jerusalem, March 2015.
- xx. **Rubinstein, A.** and E. Doron (2015). Expletive negation in constituent unconditionals. Invited talk at the workshop “New Directions in Negation and Polarity”. The Hebrew University of Jerusalem, February 2015.
- xxi. **Rubinstein, A.** (2014). Steps toward a theory of gradable modality. Invited talk at the Linguistics Colloquium. Bar-Ilan University, April 2014.
- xxii. **Rubinstein, A.** (2014). Annotating modality in text: challenges and prospects. Invited talk at the Haifa Language Forum. University of Haifa, April 2014.
- xxiii. **Rubinstein, A.** (2014). A few lessons Hebrew can teach us about gradable modality. Invited talk at the Department of Linguistics Thursday Interdisciplinary Colloquium. Tel Aviv University, March 2014.
- xxiv. **Rubinstein, A.** (2013). Necessity and comparison: The view from modality and mood. Invited talk at the Department of Linguistics Colloquium. Stanford University, February 2013.
- xxv. **Rubinstein, A.** (2013). Necessity and comparison: The view from modality and mood. Invited talk at the Department of Linguistics Colloquium. The University of Utah, January 2013.
- xxvi. **Rubinstein, A.** (2013). Different grades of necessity: How to say *ought* in Hebrew? The Scholion Lectures Marathon, Scholion Interdisciplinary Research Center in the Humanities and Jewish Studies. The Hebrew University of Jerusalem, January 2013.
- xxvii. **Rubinstein, A.** (2012). Modeling priorities in modal discourse. Invited talk at the Department of Linguistics seminar. The Hebrew University of Jerusalem, December 2012.
- xxviii. **Rubinstein, A.** (2012). Modeling priorities in modal discourse. Invited talk at the Department of Linguistics and Cognitive Science Colloquium. University of Delaware, November 2012.

- xxix. Portner, P. and **A. Rubinstein** (2012). Mood and contextual commitment. Guest lecture in V. Hacquard and J. Lidz's "Seminar in Semantics and Acquisition". University of Maryland, October 2012.
- xxx. **Rubinstein, A.** (2012). Weak necessity modals and modal discourse. Guest lecture in K. von Stechow and S. Iatridou's "Topics in Semantics". MIT, October 2012.
- xxxi. **Rubinstein, A.** (2012). Weak modals and the evolution of discourse. Invited talk at the Department of Cognitive Science Semantics Lab. Johns Hopkins University, May 2012.
- xxxii. **Rubinstein, A.** (2011). Attitude verbs of desire. Guest lecture in V. Hacquard's "Modals, Attitudes, and Evidentials". University of Maryland, November 2011.
- xxxiii. **Rubinstein, A.** (2011). Figuring out what we *ought* to do. Invited talk at the Linguistics Department Speaker Series. Georgetown University, November 2011.
- xxxiv. **Rubinstein, A.** (2008). Reciprocity with groups. Invited talk at The English Department Linguistics Seminar. The Hebrew University of Jerusalem, July 2008.