

Functional markers in sign languages

*Sandro Zucchi, Carol Neidle, Carlo Geraci,
Quinn Duffy and Carlo Cecchetto*

1 Lexical morphemes and grammatical morphemes

It is a common observation that grammatical morphemes often develop gradually from lexical morphemes.¹ Some languages show this fact more transparently than others. For example, Sebba (1997) observes that creoles and pidgins often use lexically contentful elements with the meaning of ‘finish’ or ‘done’ as functional markers signaling that the event described by the sentence occurs *before* the time of utterance:

- (1) mo fin mahze (Mauritian Creole)
I finish eat
‘I ate.’
- (2) me waka kba (Sranan Tongo)
I walk finished
‘I had walked.’
- (3) mipela I ting olsem i mas dai pinis (Tok Pisin)
we him think anyhow him must die finish
‘We think he must have died.’
- (4) a don kom (Pidgin of West Africa)
I done come
‘I have come.’

Similar examples from other spoken languages are offered by Pfau and Steinbach (2006). In Rama (a spoken language of Nigeria), the verb *aktul* meaning ‘finish’ is now used as a completive marker, and in Lhasa (spoken in Tibet), the verb *tshaa* meaning ‘finish’ marks perfective aspect.²

Examples of this sort are also quite common in sign languages.³ For instance, the signs FINISH and FATTO belonging, respectively, to American Sign Language

(ASL) and Italian Sign Language (LIS), can both occur as lexically contentful main verbs with the meaning of ‘finish’ (or ‘done’) and as aspectual/temporal morphemes. Both signs, when acting as grammatical morphemes, also exhibit a peculiar behavior with negation and negative quantifiers.

Although FATTO and FINISH share many temporal/aspectual properties and interact in a similar way with negative items, they do so in structurally different environments: LIS is an SOV language (at least as far as the variety we are investigating goes), while ASL is SVO; moreover both FATTO and negation are postverbal in LIS, while FINISH and negation regularly occur preverbally in ASL. These similarities and structural differences provide a testing ground for analyses of FATTO and FINISH, which is why it may be interesting to try to pursue a parallel analysis.

In this paper, we propose an account of these morphemes that explains their temporal/aspectual properties, as well as their behavior with negative items. In particular, we will argue that their interaction with negators relates to other properties of ASL and LIS, as well as to a more general crosslinguistic pattern observed in Huang (2003) for negative quantifiers of spoken languages. Our account is based on Huang’s and is spelled out within the theoretical framework provided by Chomsky and Lasnik (1993), Halle and Marantz (1993), Chomsky (1995) and Marantz (1994).

Although our discussion is restricted to LIS and ASL (two languages that are probably historically related through French Sign Language), our analysis may also apply to similar items in other sign languages. Future research may assess the extent to which the analysis applies and, by doing so, may help to determine how sign languages vary with respect to the behavior of their functional markers.

In [section 2](#), we briefly introduce some temporal/aspectual notions we will use in our discussion. In [sections 3 to 4](#), we focus on the temporal and aspectual properties of FINISH and FATTO. The behavior of FINISH and FATTO with negative items is discussed in [section 5](#).

2 Some basic notions

Before we proceed to discuss the temporal and aspectual properties of FATTO and FINISH, let us briefly clarify how we will use certain terms.

By “perfective” marker we mean any morphological marker indicating that the event described by the predicate to which it applies is a “complete event.” We explain what we mean by a complete event by providing the following illustration: in the case of a house-building event, a complete event is one that includes both the process through which the house is built and the completion of the process (or its

“culmination,” in Parsons’s 1990 terminology).⁴ An “imperfective” form is a predicate form which, from a semantic standpoint, is non-committal as to whether the event it describes is complete or not.

With the term “perfect” (not to be confused with *perfective*), we refer to a construction in which a tense is combined with some anteriority operator to the effect that the event described by the predicate is placed at a time that precedes the time referred to by the tense. Thus, for instance, the sentence *John has built a house*, uttered now, means that the event of building a house has occurred before the time referred to by the present tense form *has*. We take this to follow from the fact that, at the level relevant for semantic interpretation, the present tense has an anteriority operator in its scope which locates the event at a time prior to the time referred to by the present tense.⁵

Notice that, by our characterizations, perfect and perfective are not mutually exclusive categories. In particular, the perfect sentence *John has built a house* also carries the information that the house-building event is complete, thus it also carries perfective meaning. Following current usage, we call information concerning whether an event is complete or not “aspectual” information. Notice that morphological markers traditionally referred to as *tenses*, in addition to information of a temporal nature concerning the location of the event with respect to the utterance time, may often carry aspectual information. For instance, Italian *passato remoto* carries both the information that the event occurs before the utterance time and the information that the event is complete. Thus, the sentence *Gianni costruì una casa* (Gianni build-*passato remoto* a house) means that a complete house-building event by Gianni occurs prior to the utterance time.

3 The story about FATTO

3.1 Some basic facts

The sign FATTO in LIS may be used as a main verb with the meaning of ‘finish.’ In this case, it usually occurs alone, without an overt complement, as in (5).⁶

- (5) FATTO?
‘Did you finish?’

In (6), however, illustrated in Figure 10.1, FATTO occurs after the verb with the grammatical function of indicating that the action described by the verb was completed before the time of utterance.

- (6) GIANNI CASA COMPRARE FATTO
Gianni house buy done
‘Gianni has bought a house.’



Figure 10.1 *Illustration of example (6).*

In the discussion that follows, we concentrate on the postverbal use of *FATTO* as a grammatical marker and ignore its use as a main verb.

As (6) shows, LIS is an SOV language. Negation and modals occur postverbally, and determiners and prepositions are naturally found after their complements,⁷ as one might expect in a head-final language. *Wh*-items, when not left *in situ* (a marked occurrence), occur at the right periphery of the sentence (see Cecchetto, Geraci & Zucchi 2006 for a presentation of LIS syntax).

One interesting fact about *FATTO* is that it cannot co-occur with sentential negation *NON*. Thus, (7) cannot be negated as in (8).

- (7) GIANNI MANGIARE FATTO
Gianni eat done
'Gianni has eaten.'

- (8) a. *GIANNI MANGIARE FATTO NON
b. *GIANNI MANGIARE NON FATTO

In section 5 below, we present a more complete paradigm of the behavior of *FATTO* with negation. First, however, let us try to give a more precise account of the role of *FATTO* in sentences like (6) and (7).

3.2 Temporal and aspectual properties of *FATTO*

From a temporal standpoint, *FATTO* expresses anteriority. Thus, while (9) may be interpreted as describing an event taking place at the time of utterance,⁸ (6) locates the house buying event in the past.

- (6) GIANNI CASA COMPRARE FATTO
Gianni house buy done
'Gianni has bought a house.'

- (9) GIANNI CASA COMPRARE
 Gianni house buy
 'Gianni is buying a house.'

FATTO may also express anteriority with respect to a time specified by a time adverb, as in (10).

- (10) IERI ALLE-3 GIANNI MANGIARE FATTO
 yesterday at-3 Gianni eat done
 'Gianni had already eaten yesterday at 3.'

From an aspectual standpoint, FATTO expresses perfectivity; namely it indicates that the event described by the verb has reached its completion and is not an open process. Thus, for instance, sentence (11) cannot be used to report that Gianni's house building was going on at a past time, but conveys the information that the house building was completed.

- (11) GIANNI CASA COSTRUIRE FATTO
 Gianni house build done
 'Gianni has built a house.'

The fact that FATTO carries aspectual information of this kind may also explain why it cannot co-occur with stative predicates. For instance, FATTO is anomalous with a verb like PUZZARE ('stink'):

- (12) ?? GIANNI PUZZARE FATTO
 Gianni stink done

The restriction here is really about stativity and not agentivity, as indicated by the fact that, while (12) is deviant, (13) is acceptable:

- (13) FOGLIE AVVIZZIRE FATTO
 leaves wither done
 'The leaves have withered.'

FATTO's restriction to nonstative predicates is expected if FATTO requires the event described by the predicate to be a culminated event: the restriction follows from the fact that states, unlike events, do not have culmination parts and thus cannot be required to culminate.

Summing up, the data presented so far suggest that FATTO carries both temporal information telling us that an event of the type described by the predicate occurs at a time preceding the utterance time (or some time referred to by a time adverb) and aspectual information telling us that the event in question is a culminated event.

In principle, these facts are compatible with different hypotheses concerning the function of FATTO. One hypothesis is that FATTO is a past tense marker which also carries perfective meaning.⁹ Another hypothesis is that sentences with FATTO are present tense sentences and FATTO, besides carrying perfective meaning, is an anteriority marker indicating that the event described by the predicate takes place at a time preceding the time referred to by the present tense. According to this second hypothesis, sentences with FATTO should be analyzed on a par with Italian present perfect sentences like *Gianni ha comprato una casa* ('Gianni has bought a house'). A third possibility is that FATTO is an anteriority marker with perfective meaning, but, contrary to what the second hypothesis claims, LIS sentences with FATTO have no tense at all.

In Zucchi (2009), it is argued that LIS sentences are tensed and that, in particular, LIS sentences with FATTO, like those that have been presented above, are present perfect sentences. Let us see how the argument goes. The hypothesis that LIS sentences like (6) above are tenseless is problematic, since it fails to account for the assignment of (abstract) nominative case to the subject. Under the assumption that case is either assigned by tense or by agreement (or by both),¹⁰ if sentences like (6) are tenseless, the only possibility is that case is assigned by agreement in LIS. Indeed, in LIS, as in many other sign languages, there is evidence that agreement is present, since for some verbs it seems to be overtly marked by spatial orientation.¹¹ However, in this case, we should also conclude that agreement is unable to assign nominative case in LIS, because of examples like (14), where the subject of the agreeing predicate PARTIRE raises out of the subordinate clause, presumably in order to receive case:

- (14) LUI SEMBRA PARTIRE_{3p.} FATTO
 he seems leave done
 'He seems to have left.'

Thus, the hypothesis that LIS sentences like (6) are untensed fails to account for how nominative case is assigned to the subject.

Moreover, at least in the variety of LIS spoken in the Napoli-Salerno area, tense is explicitly signaled by nonmanual marking on the verb: the shoulder's position is tilted back for past tense, tilted forward for future tense and straight (aligned with the rest of the body) for present tense. If this is correct, since in the elicited sentences with FATTO the shoulder is straight, we should conclude that these sentences are best analyzed as present tense sentences, thus favoring a present perfect analysis over a past tense analysis.

Finally, additional evidence favoring the present perfect hypothesis comes from the co-occurrence of FATTO with time adverbs like ORA ('now'):

- (15) ORA CAFFÈ BERE FATTO
 now coffee drink done
 ‘Now I have drunk the coffee.’

As Zucchi shows, sentences of this sort are expected if they are analyzed as present perfect sentences with ORA under the scope of tense and with FATTO in its scope (possibly in AspP), while they are not expected if FATTO is analyzed as a past tense. Summing up, our final conclusion is then that postverbal FATTO, from a semantic standpoint, carries perfective meaning and is also a marker of anteriority indicating that the event described by the predicate takes place at a time preceding the time referred to by the tense.

Crosslinguistically, items similar to FATTO have been independently analyzed as perfect markers. Meir (1999) describes a sign of Israeli Sign Language (ISL) which she glosses as ALREADY and which seems to be the ISL counterpart of FATTO. She proposes to analyze ALREADY as a perfect marker because, among other things, it can co-occur with adverbs like NOW and future adverbials.¹² Similar claims have been made about one usage of the sign FINISH in ASL.¹³ Rathmann (2005) offers a detailed proposal analyzing some occurrences of FINISH in ASL as perfect markers, an issue to which we now turn.

4 The story about FINISH

The sign FINISH in ASL, illustrated in Figure 10.2, has a wide range of distinct functions described in the literature (e.g., Fischer & Gough 1999, Rathmann 2005).¹⁴

Among its many possible meanings, FINISH can be used in constructions very much like those described for FATTO: (a) as a main verb with the meaning of



Figure 10.2 *Illustration of ASL sign FINISH.*

'finish' (in which case it frequently precedes an NP or VP complement), (b) as a perfect marker (in pre-VP position), and (c) as an adverbial with the meaning of 'already.' ASL differs from LIS in that the ASL versions of these three distinct constructions frequently contain FINISH in the same linear order relative to the relevant VP, resulting in sequences of signs that can be potentially ambiguous. However, there are often prosodic cues, differences in the articulation of FINISH, and semantic/pragmatic considerations to distinguish these constructions.

For example, in the sequence FINISH READ BOOK, as shown in (17) below, FINISH can function as a main verb followed by a VP complement. This would be appropriate in a context where one is relating that John started reading the book on Monday and that he finished reading the book on Saturday. Assuming that same scenario, the following Monday, it would then be appropriate to declare that John has now read the book, which could be done with the construction illustrated in (22) below, containing the same linear sequence of signs.

The examples included in this section are taken from the National Center for Sign Language and Gesture Resources (NCSLGR) database of video examples of ASL sentences and narratives collected at Boston University, annotated with SignStream™ (Neidle & MacLaughlin 1998, Neidle, Sclaroff & Athitsos 2001) and are accessible on the Internet¹⁵ and on CD-ROM (Neidle 2003, 2004, 2007). The volume number, database file and utterance number from which each example has been taken are listed in parentheses. Glosses are conventional English (rough) translations of the ASL signs. The lines above the glosses, as in (19), show the scope of facial expressions and head gestures that occur in parallel with phrasal groupings of manual signs to convey grammatical information, in this example marking the question status of a *wh*-question. The symbol # at the beginning of a gloss signals a fingerspelled loan sign.

Main verb

- (16) MUST FINISH #ALL BEFORE SUNSET
(NCSLGRv4, Accident, U 9)
'We must finish everything before sunset.'
- (17) JOHN FINISH READ BOOK (NCSLGRv1, ncslgr10a, U 1)
'John finished reading the book.'

Perfect marker

- (18) JOHN FINISH VISIT MARY
'John has visited Mary.' (NCSLGRv2, ncslgr10l, U 74)



Figure 10.3 *Illustration of example (18).*

- _____ wh
- (19) STUDENT UP-TO-NOW FINISH READ HOW-MANY BOOK
 (NCSLGRv1, ncslgr10b, U 24)
 ‘How many books have the students read so far?’

Adverbial

- (20) FINISH EXHAUSTED (NCSLGRv7, Roadtrip 1, U 25)
 ‘We were already exhausted ...’

Clause-external use of FINISH for discourse purposes (between, before, or after sentences)

- (21) TIRED FINISH BED GET-IN-BED ALL-NIGHT
 (ASLLRPv1, DSP Ski Trip Story, U 8)
 ‘I was tired. So ... I got in bed for the night.’

The focus for the rest of this section will be on the construction in which FINISH precedes VP and functions in ASL as a perfect marker. As in LIS, the FINISH in examples (18) and (19) marks culmination of an event, but not past tense. This is shown by ASL examples similar to (15), such as (22).

Context: Last week, John was asked a question in class, and he didn’t know the answer, because he hadn’t read the book that had been assigned. But now he does know the answer. Why?

(22) NOW JOHN FINISH READ BOOK

‘Now John has read the book.’

Furthermore, ASL FINISH in this usage is compatible with eventualities that have not yet happened, as illustrated in (23), as it can co-occur with the tense marker glossed here as FUTURE (sometimes glossed as WILL), which has a function comparable to that of ‘will’ in English (Aarons *et al.* 1995, Neidle *et al.* 2000).

(23) JOHN FUTURE FINISH SEE MARY

(NCSLGRv2, ncslgr101, U 77, 78)

‘John will have seen Mary.’

Thus, the perfect construction not only does not mark past tense, but also is not restricted to present tense sentences in ASL. As in LIS, FINISH can be argued to occur under the scope of Tense (perhaps in AspP) and similarly carries the information that the event culminated prior to the reference time signaled by Tense.

As in LIS, FINISH in the perfect construction is consistent only with terminated events and thus is not used with predicates that are inherently incompatible with culmination, including most states and imperfective aspectual inflections, as reported in Duffy (2007),¹⁶ from which the ungrammatical examples in (24)–(29) are taken.

(24) * IX-1p FINISH HUNGRY

(on the reading where it means ‘I have/had been hungry.’

Acceptable, in an appropriate context, with the reading ‘I was already hungry.’)

(25) * IX-1p FINISH WANT CAR

‘I have/had wanted that car.’

(26) * IX-1p FINISH LIKE CHOCOLATE

‘I have/had liked chocolate.’

(27) * IX-1p FINISH ASK[iterative] (UP-TO-NOW 4-WEEK)

‘I have been asking, over and over (for four weeks).’

(28) * IX-3p FINISH WORK[incessant] (UP-TO-NOW 20 HOUR)

‘He has been working, incessantly (for twenty hours).’

(29) * IX-1p FINISH LOOK[durational] (1-HOUR)

‘I have been looking at it (for an hour).’

ASL does not make use of the perfect construction for events that necessarily continue into the present (the so-called universal perfect, or U-Perfect construction), despite Rathmann's claim that it does, which was based on an example of his, presented here as (30).

(30) IX-1p FINISH LIVE HAMBURG 10 YEAR

According to our consultants, (30) would most naturally be translated by the English sentence in (31).

(31) I have (or had) lived in Hamburg for 10 years.

Although that terminated eventuality may – but need not – extend to the present time, it does not continue. To express an ongoing, temporally unbounded event, FINISH cannot be used, as shown in (32).

(32) IX-1p (*FINISH) LIVE BOSTON UP-TO-NOW 5 YEAR.
 IX-1p STILL LIVE THERE
 'I've been living in Boston for 5 years. I still live there.'

Thus, ASL FINISH, like LIS FATTO, has a usage on which it simultaneously conveys perfect and perfective. FINISH in ASL can mark anteriority of event culmination with respect to present, past or future reference time.

5 Interaction of FATTO and FINISH with negation

5.1 Negation in LIS and ASL

Before we turn to the interaction of FATTO and FINISH with negation, let us briefly review some differences between LIS and ASL with respect to negation. In LIS negation occurs only after the verb, while in ASL negation occurs preverbally:

(33)

GIANNI	CASA	COMPRARE	neg
Gianni	house	buy	NON
			not

'John is not buying a house.'

(34)

neg
JOHN NOT BUY HOUSE

'John is not buying a house.'

Besides differing for the position of negation, ASL and LIS also differ with respect to the nonmanual marking of negation, which in LIS is usually confined to the

negation sign, while in ASL it can optionally spread on the c-command domain of negation when negation is expressed by a manual sign. Negative quantifiers in LIS do not normally occur in argument position (i. e., preverbally, since LIS is an SOV language), but are placed postverbally, where negation occurs:

- (35)
- | | | |
|-----------|---------|------------|
| CONTRATTO | FIRMARE | <u>neg</u> |
| contract | sign | NESSUNO |
| | | no one |
- ‘No one is signing the contract.’

- (36)
- | | | |
|--------|---------|------------|
| GIANNI | FIRMARE | <u>neg</u> |
| John | sign | NIENTE |
| | | nothing |
- ‘Gianni is signing nothing.’

In ASL, on the other hand, negative quantifiers occur in argument position (recall that ASL is an SVO language):

- (37)
- | | |
|-------------|------------|
| JOHN VISIT | <u>neg</u> |
| NONE/NO-ONE | |
- ‘John visits nobody.’

- (38)
- | | |
|-------------------|------------|
| NONE/NO-ONE VISIT | <u>neg</u> |
| JOHN | |
- ‘Nobody visits John.’

For more detailed analyses of negation in ASL and LIS, we refer the reader to Neidle *et al.* (2000) and Geraci (2006), respectively.

5.2 Distributional restrictions

The sign FATTO, when it occurs postverbally and not as a main verb, never occurs with the sign NON (‘not’) or with negative quantifiers like NESSUNO (‘no one’), NIENTE (‘nothing’), MAI (‘never’):

- (7) GIANNI MANGIARE FATTO
Gianni eat done
‘Gianni has eaten.’
- (8) a. *GIANNI MANGIARE FATTO NON
b. *GIANNI MANGIARE NON FATTO

- (39) a. *GIANNI MANGIARE FATTO NIENTE
 b. *GIANNI MANGIARE NIENTE FATTO
- (40) a. *MANGIARE FATTO NESSUNO
 b. *MANGIARE NESSUNO FATTO
- (41) a. *GIANNI MANGIARE FATTO MAI
 b. *GIANNI MANGIARE MAI FATTO

There is a similar restriction on the use of negation with FINISH when used to mark aspect in ASL. To negate a sentence such as (18), to express the idea that John has *not* visited Mary, or that John has *never* visited Mary, or that John has visited *no one*, the standard ASL negators cannot be used in conjunction with FINISH (on its aspectual usage). A sentence like (42) could not be used to contradict a claim made by a sentence like (18).

- (18) JOHN FINISH VISIT MARY [NCSLGRv2, ncslgr10l, U 74]
 'John has visited Mary.'
- (42) * JOHN NOT FINISH VISIT MARY
- (43) * JOHN NEVER FINISH VISIT MARY
- (44) * JOHN FINISH VISIT NONE/NO-ONE

Note that no such restriction is found when FINISH or FATTO is used as a main verb. Compare the above ungrammatical examples with the following:

- (45) $\overline{\text{neg}}$
 JOHN NOT-YET FINISH READ BOOK
 (NCSLGRv1, ncslgr10a, U 4)
 'John has not yet finished reading the book.'
- (46) JOHN START READ BOOK, BUT $\overline{\text{neg}}$ NOT-YET FINISH
 'John started reading the book, but has not yet finished.'
- (47) $\overline{\text{neg}}$
 JOHN NOT FINISH READ BOOK
 (NCSLGRv9, ncslgr10s, U 193)
 'John did not finish reading the book.'
- (48) GIANNI UOVO-ROTTURA FATTO $\overline{\text{neg}}$ NON
 Gianni egg-break done not
 'Gianni has not finished breaking eggs.'

Why are negative items barred from co-occurring with FATTO in LIS and with FINISH in ASL when they are used to convey aspectual information? Some hypotheses are considered below.

5.3 Negation and aspect

Semantically, in simple sentences like (7) and (18) above, FATTO and FINISH convey the information that the event described by the verb has culminated by the time the sentence is uttered. In this sense, FATTO and FINISH act, among other things, as markers of perfectivity (complete action). It is well known that in some languages negation is incompatible, or dispreferred, with perfective markers. For example, Stevenson (1969) reports that in Bagirmi, a Nilo-Saharan language, the marker of completion *ga* cannot co-occur with negation.

(49) ma m-'de ga
 1SG 1SG-come CMPL.
 'I have come.'

(50) ma m-'de li
 1SG 1SG-come CMPL.
 'I did/have not come.'

In Russian negative sentences, imperfective aspect is preferred to perfective aspect. Thus, for example, Matthews (1990) reports that (51) is preferred to (52) in actual discourse:¹⁷

(51) pro-chital stat'ju
 Pfv-read paper
 'I read the paper.'

(52) ne pro-chital stat'ju
 NEG Pfv-read paper
 'I did not read the paper.'

These cases may suggest that the ungrammaticality of (8) and (39)–(41) in LIS, and of (42)–(44) in ASL, is an instance of a more general crosslinguistic phenomenon by which markers of complete action (perfective aspect) are reluctant to occur with negation. Some authors have tried to account for this phenomenon by suggesting that there is some incompatibility between the meaning of negation and the meaning of perfective aspect. For example, Schmid (1980) suggests that perfective aspect and negation are incompatible because negation is aspectually stative and

thus is incompatible with perfective predicates, which are eventive in nature. Matthews (1990) seems to attribute the incompatibility of perfective aspect and negation to the fact that there is no such thing as a negative event (while there are negative states). Hagman (1977), in discussing Khoekhoe (a Khoisan language), suggests that perfective aspect marks the event described by the predicate as punctual and that negation is barred with this aspect because the non-occurrence of a punctual event cannot be located in time. If some account of the meanings of negation and perfective aspect can be worked out to derive their alleged incompatibility, then the same account may also be applied to the LIS and ASL facts in (8) and (39)–(41) and in (42)–(44).

There are at least two reasons, however, to doubt that this strategy will deliver the desired results. First, as Miestamo and van der Auwera (2006) have pointed out, by examining an extensive sample of 297 languages (and an areally balanced subsample of 179 languages), imperfective-type categories are as likely to be affected by the presence of negation as perfective-type ones: in both the larger and the balanced sample, the number of languages in which a perfective-type category, but not an imperfective-type category, is barred with negation is identical to the number of languages in which an imperfective-type category, but not a perfective type category, is barred with negation. Moreover, there are languages, like Italian, in which both perfective and imperfective forms are acceptable under negation:

- (53) Gianni non si muoveva
 Gianni not refl. move-*Impfv.*
 ‘Gianni was not moving.’
- (54) Gianni non si mosse
 Gianni not refl. move-*Pfv.*
 ‘Gianni did not move.’
- (55) Gianni non si è mosso
 Gianni not refl. is move-*Perf.*
 ‘Gianni has not moved.’

These facts do not show that the ungrammaticality of (8) and (39)–(41) in LIS and of (42)–(44) in ASL is unrelated to aspect. They show, however, that attempts to derive that ungrammaticality from some semantic incompatibility between negation and perfective aspect is unlikely to succeed.

The second reason why appeal to incompatibility of negation and perfective aspect is unlikely to account for the LIS and ASL facts is that characterizing (8), (39)–(41) and (42)–(44) as instances of this incompatibility is, to some extent, a

misdescription of the data. While, as we saw, FATTO cannot co-occur with the negation sign NON, LIS does have some signs that, while carrying some additional presuppositions, serve the purpose of denying that a complete event of the kind denoted by the predicate has taken place. For example, if Gianni has not done his homework yet, we may report this fact in LIS with sentence (56).¹⁸

- (56) GIANNI FARE-COMPITI NON-ANCORA
 Gianni do-homework not-yet
 ‘Gianni has not done his homework yet.’

If Gianni has not done his homework and will not do it, this fact may be reported by uttering (57).¹⁹

- (57) GIANNI FARE-COMPITI NIENTE
 Gianni do-homework nothing
 ‘Gianni has not done his homework (and won’t do it).’

Note that the sign glossed as NON-ANCORA, while it carries the presupposition associated with Italian *non ancora* (‘not yet’), unlike its Italian counterpart cannot be used to state that the event described by the verb is not yet going on but conveys the information that no event of that type has been completed yet. Thus, for instance, while Italian (58) can be used to deny that Gianni is doing his homework and (59) to deny that Gianni has done his homework, LIS sentence (56) above corresponds only to (59); i.e., it can only mean that Gianni has not done his homework yet.

- (58) Gianni non sta ancora facendo i compiti
 ‘Gianni is not doing his homework yet.’
- (59) Gianni non ha ancora fatto i compiti
 ‘Gianni has not done his homework yet.’

Indeed, in a situation in which Gianni is doing his homework but has not finished yet, one cannot reject (56) as false. This means that (56) is the negation of (60) (in contexts in which the relevant presupposition associated with ‘not yet’ is satisfied):

- (60) GIANNI FARE-COMPITI FATTO
 Gianni do-homework done
 ‘Gianni has done his homework.’

Similar considerations apply to (57), where the sign NIENTE is used to deny that Gianni has done his homework (with the additional implication that he won’t do it).

The facts for FINISH in ASL are very much the same. To deny an assertion as in (18), options include (61) or (62), depending on whether or not there is an expectation that this visit will occur in the future.

(18) JOHN FINISH VISIT MARY [NCSLGRv2, ncslgr10l, U 74]
 ‘John has visited Mary.’

(61) JOHN NOT-YET VISIT MARY
neg
 ‘John has not yet visited Mary.’

(62) JOHN NOT VISIT MARY
neg
 ‘John didn’t visit Mary.’

There is also a construction similar to the one illustrated in (57), with a sign traditionally glossed as DON’T (both hands palms down, initially crossing in front of the body and then moving outward) occurring sentence-finally (at least as used by some signers; one of our signers does not use this sign at all):

(63) JOHN READ BOOK DON’T
neg
 ‘John hasn’t read the book (and there’s no expectation that he will).’

Looking at these data, it becomes clear that while FATTO and FINISH are barred from occurring with the sign NON/NOT and with negative quantifiers, this fact is not correctly described as an instance of incompatibility between negation and perfectivity. Indeed, as we just saw, LIS and ASL do have a way of negating perfective sentences. What is peculiar to these languages is not that perfective sentences cannot be negated, but that the negation of a perfective sentence like (60) or (18), instead of being obtained via the co-occurrence of the sign NON/NOT with the completion marker FATTO/FINISH, is expressed by single lexical signs whose function is to indicate that no complete event of the kind denoted by the predicate occurred (plus the presupposition that such an event is expected to occur in the case of NON-ANCORA or NOT-YET and the implication that it is no longer expected to occur in the case of NIENTE).

If this assessment is correct, notice that the data described so far seem to show a gap in the LIS and ASL paradigms to express the negation of a perfective sentence with FATTO or FINISH. Indeed, while, as we just saw, LIS provides a specialized form for asserting that a complete event of a certain kind has not occurred yet or that it has not occurred and it will not occur, there seems to be no specialized form to convey the negation of a sentence with FATTO without some additional meaning. Thus, for instance, while it is appropriate to use a sentence like (64) also in a

case in which there is no particular expectation that Gianni should call, negative sentence (65) cannot be used appropriately in the same situation and requires instead that, in the context of utterance, Gianni was supposed to call. Similarly, (66) says that Gianni has not called and implicates he will not, and cannot be used simply to convey the information that Gianni has not called.

- (64) GIANNI CHIAMARE FATTO
Gianni call done
'Gianni called.'
- (65) GIANNI CHIAMARE NON-ANCORA
Gianni call not-yet
'Gianni hasn't called yet.'
- (66) GIANNI CHIAMARE NIENTE
Gianni call nothing
'Gianni hasn't called (and he won't).'

When asked to negate a sentence with FATTO in a context that neither allows NON-ANCORA nor justifies use of NIENTE, our informants simply produced pairs like (67)–(68a) where the negative counterpart of the sentence with FATTO is the sentence with the simple sentential negation NON:²⁰

- (67) GIANNI CASA COMPRARE FATTO
Gianni house buy done
'Gianni has bought a house.'
- (68) a. GIANNI CASA COMPRARE NON
Gianni house buy not
'Gianni has not bought a house.'
- b. * GIANNI CASA COMPRARE FATTO NON-ANCORA
- c. * GIANNI CASA COMPRARE NON FATTO

Since NON, unlike NON-ANCORA, may be used to deny the occurrence of an ongoing process, as in (69), one possibility is that NON in (68) simply expresses sentential negation and that the denial of the past occurrence of the event of buying a house in (68) is inferred contextually (as is often the case in LIS).

- (69) GIANNI FARE-COMPITI NON
Gianni do-homework not
'Gianni is not doing his homework.'

Another possibility, suggested by the fact that our informants naturally produced pairs like (67)–(68) when asked to provide the negation of sentences with FATTO

in the absence of additional contextual information, is that NON is ambiguous between simple sentential negation and the lexical realization of FATTO + NON. Here, we leave open the question as to which hypothesis is correct.

Aside from the issue of a possible lexical gap in denying sentences with FATTO, the facts we described suggest that the relevant question in investigating the behavior of FATTO and FINISH with negation is not why FATTO and FINISH cannot be negated, but rather why negation of FATTO and FINISH can be expressed only by means of negative forms like NOT-YET or NOTHING or DON'T, and not by the co-occurrence of FATTO/FINISH with NON/NOT as in (8) and (39)–(41) and (42)–(44). A clue to answering this question is provided by the behavior of negative indefinites in spoken languages, the issue to which we next turn.

5.4 Negated existentials and adjacency

Huang (2003) observes that, while in English one has the option of using negative quantifiers like *nobody*, *no book*, etc. to express negated existentials, in Japanese no counterparts of negative quantifiers exist and one must use sentential negation with a separate indefinite (negative polarity item) at a distance. Thus, for instance, while in English we can use (70) to express the same meaning as (71), in Japanese only the “discontinuous strategy” corresponding to (71) is allowed, as shown in (72)–(73):

- (70) a. I saw nobody.
b. Hanako read no book.
- (71) a. I didn't see anybody.
b. Hanako didn't read any book.
- (72) boku-wa dare-mo mi-nak-atta
I-Top anybody see-Not-Past
'I didn't see anybody.'
- (73) Hanako-wa dono hon-mo yoma-nak-atta
Hanako-Top any book read-Not-Past
'I did not read any book.'

An intermediate case between English and Japanese is provided by Mandarin Chinese, in which negative NPs can occur only in preverbal position (as subjects, or as objects that have been placed in preverbal topic or adjunct positions). Thus, for instance, while a negative quantifier is acceptable in subject position in (74), it is barred in (postverbal) object position in (75)–(76).

- (74) meiyou ren kanjian wo
 no person saw me
 'Nobody saw me.'
- (75) * wo kanjian-le meiyou ren
 I saw no person
 'I saw nobody.'
- (76) * ta tidao meiyou yiben shu
 he mentioned not one book
 'He mentioned no book.'

In order to express negated existential meaning with an object in Mandarin Chinese, one must either prepose the object, as in (77), or use the discontinuous strategy, as in (78)–(79):

- (77) meiyou yiben shu ta kanguo
 not one book he read
 'No book has he read.'
- (78) ta meiyou kanjian renhe ren
 he not see any person
 'He did not see anybody.'
- (79) ta meiyou tidao renhe yiben shu
 he not mention any one book
 'He has not mentioned any book.'

Huang claims that the crosslinguistic pattern exhibited by Mandarin Chinese and Japanese is explained by the theory proposed in Christensen (1986) to account for the distribution of negative NPs in Norwegian, which exhibits a pattern strongly similar to Mandarin Chinese.²¹ In short, according to this theory the occurrence of a negative NP is made possible by the fact that, at some stage in the syntactic derivation, there exists an adjacent string consisting of negation immediately followed by the existential NP with which negation is construed. When they are adjacent, negation and the existential NP are reanalyzed as a single constituent and negation is “conflated” with the existential NP to yield the negative quantifier.²²

This hypothesis accounts for the Mandarin Chinese facts. Indeed, since in Mandarin negation is preverbal, when the existential object is postverbal, as in (78)–(79), negation is not adjacent to it, thus the process that reanalyzes negation and the existential NP as a single constituent cannot occur, barring

the presence of a negative NP. When the existential NP is in subject position or is a preverbal object, it is adjacent to negation, thus yielding the negative NPs in (74) and (77). Japanese, on the other hand, is an SOV language and negation is postverbal (it occupies the head of NegP to the right). As a result, again, negation is not adjacent to the subject or object; thus we should expect negative NPs, whether in subject or in object position, to be barred and only the discontinuous strategy to be available, as shown in (72)–(73). The rescue strategy adopted in Mandarin, which brings the existential NP adjacent to negation and thus licenses the negative NP, is unavailable in Japanese, since negation is to the right of the VP; in order to move to a position adjacent to negation, the NP would have to move rightward, something that is not possible in Japanese.

This account does not explain the occurrence of English negative NPs in (70) above, since in English the verb intervenes between the object NP, which is postverbal, and the preverbal negation. Huang suggests that the English facts can be made consistent with the proposed analysis of Mandarin, Japanese and Norwegian by supposing that, initially, in the syntactic derivation of (70), the object NPs *anybody* and *any book* are preposed, thus conflating with preverbal negation and yielding the negative NPs *nobody* and *no book*. Then, the VP out of which the object has been moved is also preposed (an instance of remnant movement, independently proposed by Kayne 1996, 1998), as shown in (80):

- (80) a. John not [_{VP} saw anybody] (underlying source)
 b. John not [anybody_i [_{VP} saw t_i]] (QP-movement)
 c. John nobody_i [_{VP} saw t_i] (not + any => no)
 d. John [_{VP} saw t_i] nobody_i t_{VP} (VP remnant movement)

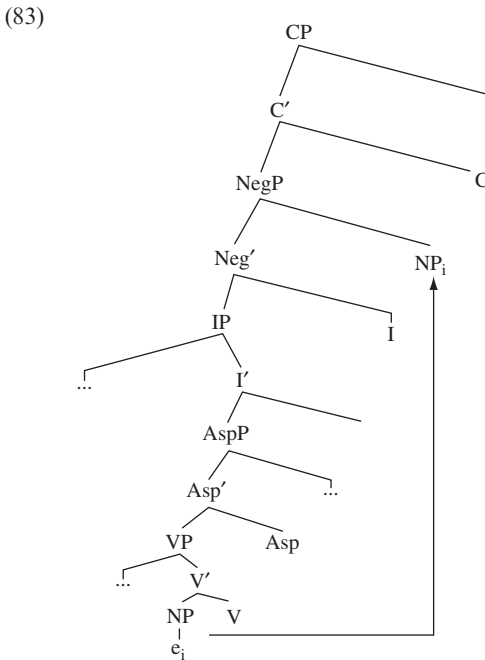
Assuming that some account along these lines is essentially correct, let us see how it works for LIS. In LIS, as we saw, negative NPs are available and negation is postverbal. The “discontinuous strategy” is also available, as shown by (68), where the indefinite NP *CASA* is under the scope of the negation *NON*:²³

- (68) GIANNI CASA COMPRARE NON
 Gianni house buy not
 ‘Gianni has not bought a house.’

In the present context, it is significant that when a negative NP occurs, as in (81)–(82), its canonical position is not preverbal, as we should expect if it occupied an argument position (recall that LIS is SOV), but is postverbal:²⁴

- (81) CONTRATTO FIRMARE NESSUNO
 contract sign nobody
 ‘Nobody has signed the contract.’
- (82) PAOLO FIRMARE NULLA
 Paolo sign nothing
 ‘Paolo has signed nothing.’

On Huang’s account, this surprising position of negative NPs is expected. Assuming that, as in Mandarin and Norwegian, LIS negative NPs are derived by conflation of negation with an existential NP under syntactic adjacency, we expect that, in order for this process to be triggered, the existential NP should move rightward to become adjacent to negation (which is postverbal in LIS), where we do indeed find the negative NP.²⁵ In particular, we may assume that the existential NP moves to Spec,NegP, where it is adjacent to negation, thus yielding the negative NP by conflating with negation, as shown in (83):²⁶



Let us now come back to our question concerning why negation of FATTO can be expressed only by means of negative forms like NON-ANCORA or NIENTE (or NON) and not by the co-occurrence of FATTO with NON. We will assume

that existential items – whether NPs or items of a functional kind – when adjacent to negation must trigger reanalysis, namely, that they must combine with negation to yield a constituent with negative existential meaning ($\neg\exists$). This assumption, although not explicitly adopted by Huang, is consistent with the data he presents in his paper. Moreover, there is evidence that this is indeed what happens in LIS. Thus, for instance, while negative NPs, as we saw, do not follow the canonical SOV order but occur postverbally, positive indefinites do not occur postverbally in negated sentences but follow the standard SOV order as in (68) above.

- (84) * GIANNI COMPRARE CASA NON
 Gianni buy house not
 ‘Gianni has not bought a house.’
- (85) * GIANNI COMPRARE NON CASA
 Gianni buy not house
 ‘Gianni has not bought a house.’

Moreover, both LIS possibility operator POSSIBILE (arguably, an existential quantifier over possible situations) and LIS existential predicate C'È ('there is'), which occur adjacent to negation, cannot co-occur with negation but must be expressed by specialized forms with negative existential meanings. Thus, for instance, in order to negate (86) and (90), we must use the specialized negative forms NON-C'È and IMPOSSIBILE, as in (87) and (91), and we cannot use NON and C'È or NON and POSSIBILE:

- (86) CASA MIA GIARDINO C'È
 house my garden there-is
 ‘My house has a garden.’
- (87) CASA MIA GIARDINO NON-C'È
 house my garden there-isn't
 ‘My house doesn't have a garden.’
- (88) * CASA MIA GIARDINO NON C'È
 house my garden not there-is
 ‘My house doesn't have a garden.’
- (89) * CASA MIA GIARDINO C'È NON
 house my garden there-is not
 ‘My house doesn't have a garden.’

- (90) DOMANI VENIRE POSSIBILE
 tomorrow come possible
 'Tomorrow I can come.'
- (91) DOMANI VENIRE IMPOSSIBILE
 tomorrow come impossible
 'Tomorrow I cannot come.'
- (92) * DOMANI VENIRE NON POSSIBILE
 tomorrow come not possible
 'Tomorrow I cannot come.'
- (93) * DOMANI VENIRE POSSIBILE NON
 tomorrow come possible not
 'Tomorrow I cannot come.'

These data indicate that LIS existential items adjacent to negation *must* reanalyze to yield a constituent with negative existential meaning. Now, consider that FATTO, under the interpretation we suggested, introduces an existential quantifier: it says that there is a complete event of the kind described by the predicate that occurs before the time of evaluation. Given that it is structurally adjacent to negation, we should expect that the presence of negation should trigger reanalysis by causing the selection of a specialized form that negates the existence of a complete event of the relevant kind. Thus, we should expect (8) to be anomalous for the same reason (84)-(85), (88)-(89), (92)-(93) are: syntactic adjacency of existential items with negation fails to trigger reanalysis.

- (8) a. * GIANNI MANGIARE FATTO NON
 b. * GIANNI MANGIARE NON FATTO

The fact that FATTO cannot co-occur with negative NPs like NESSUNO, etc., may be accounted for along similar lines. Presumably, (40) should be derived by an underlying source in which negation is both adjacent to FATTO and to the existential NP moved into SpecNegP. If the existential NP conflates with negation to yield NESSUNO, FATTO cannot conflate with negation, thus, again, violating the requirement that syntactic adjacency with negation should trigger reanalysis.

- (40) a. * MANGIARE FATTO NESSUNO
 b. * MANGIARE NESSUNO FATTO

On the other hand, (87), (91), (65)-(66) are, respectively, the outcome of conflating the negation NON with C'È, POSSIBILE and FATTO, respectively:

- (87) CASA MIA GIARDINO NON-C'È
 house my garden there-isn't
 'My house doesn't have a garden.'
- (91) DOMANI VENIRE IMPOSSIBILE
 tomorrow come impossible
 'Tomorrow I cannot come.'
- (65) GIANNI CHIAMARE NON-ANCORA
 Gianni call not-yet
 'Gianni hasn't called yet.'
- (66) GIANNI CHIAMARE NIENTE
 Gianni call nothing
 'Gianni hasn't called (and he won't).'

If this proposal is on the right track, there is a further issue that needs to be addressed concerning the way conflation works. Recall that, for NON-ANCORA and NIENTE, the semantic contribution of these forms is not simply derivable from the meaning of NON and the meaning of FATTO, since NON-ANCORA and NIENTE, respectively, add the additional information that the event described by the predicate was supposed to occur and that it will not occur. Moreover, the phonological forms of NON-ANCORA and NIENTE are not derivable from the phonological form of FATTO and NON.²⁷ How is this possible if NON-ANCORA and NIENTE are derived from negation and FATTO by syntactic reanalysis under adjacency?

Notice that the Norwegian negative quantifier *ingen* ('no') that results from conflation of *ikke* ('not') and *noen* ('any'), like the LIS forms NON-ANCORA, IMPOSSIBILE, NON-C'È, etc., is not phonologically predictable from the phonological form of negation (*ikke*) and of the item negation conflates with (*noen*). If Christensen's proposal is correct for Norwegian, one way to make sense of forms like *ingen* is provided by the idea, proposed in Halle and Marantz (1993, 1994), that assignment of phonological features takes place after the syntax. According to this approach (Distributed Morphology, DM), terminal nodes of syntactic trees are bundles of abstract features lacking phonological interpretations. Assignment of phonological features to morphosyntactic feature bundles takes place when syntactic structure is mapped into phonological structure. In the case of Norwegian negative NPs, this means that phonological features are assigned after syntactic reanalysis occurs, thus what gets phonologically interpreted is the bundle of morphosyntactic features that corresponds to the negative quantifier.

Assuming that the phonological realization of this feature bundle specified in the vocabulary is *ingen*, we expect that the result of the syntactic reanalysis process, when it is spelled out, should yield forms like *ingen bøker* ('no books') as in (iii) from note 21:

- (iii) Jon har ingen bøker kjøpt
 John has no books bought
 'Jon has bought no books.'

The syntactic morpheme (feature bundle) corresponding to the negative quantifier in the syntactic structure of (iii) may have a unique phonological realization, namely *ingen*. However, in the DM approach, a syntactic feature bundle, in general, may be realized by different phonological expressions belonging to different vocabulary items. This is the case for those expressions whose meaning is not fully predictable from their morphosyntactic description. For example, nouns like *cat*, *dog*, *pig* have the same morphosyntactic representation (root), which may thus be spelled out by any of these forms or by other forms with the same morphosyntactic representation made available in the vocabulary of the language. Semantic interpretation is then computed from both LF and PF structures (on the basis of the meanings assigned to each form in the *encyclopedia* of the language).²⁸ In a similar way, we may suppose that the morphosyntactic representation of the form resulting from the syntactic reanalysis of FATTO and negation is represented by the abstract morphological feature bundle { pfv, perf, neg }, which may then be spelled out by any form matching this description made available by the vocabulary of the language, namely by NON-ANCORA, NIENTE and, perhaps, NON in LIS. In short, then, the answer to the question of how it is possible that phonologically idiosyncratic forms with idiosyncratic meanings, like NON-ANCORA and NIENTE, are derived from negation and FATTO by syntactic reanalysis under adjacency is that what is derived in the syntax are not these forms but rather an abstract morphosyntactic feature bundle which may then be spelled by any form in the vocabulary of the language that shares this morphosyntactic description. Since NON-ANCORA and NIENTE share the features { pfv, perf, neg }, they can be late-inserted at PF and contribute their idiosyncratic meanings to the meanings carried by the features { pfv, perf, neg } that they spell out.

The account may also be extended to ASL. A form like NOT-YET, for example, would express a comparable bundle of features to those proposed for NON-ANCORA. Sentence (61) is a case in which syntactic adjacency of FINISH with negation has triggered reanalysis to yield NOT-YET; sentence (42), on the other

hand, is out, on a par with LIS sentences in (8) above, because syntactic adjacency of FINISH with negation fails to trigger reanalysis:

(61) $\frac{\quad}{\text{neg}}$
JOHN NOT-YET VISIT MARY
'John has not yet visited Mary.'

(42) * JOHN NOT FINISH VISIT MARY

What is left to explain is why ASL sentence (44) is out, where FINISH is barred by the presence of the negative quantifier NONE/NO-ONE in postverbal position:

(44) * JOHN FINISH VISIT NONE/NO-ONE

Recall that, according to Huang's proposal, English sentence (70a) is derived from an intermediate form like *John not anybody saw*, where negation is adjacent to an existential NP and this triggers reanalysis to yield *nobody*:

(70) a. I saw nobody.

If this account is correct, then, assuming that the negative quantifier NONE/NO-ONE in ASL sentence (37) is derived along similar lines, we can account for (44) above on a par with LIS (40).

(37) $\frac{\quad}{\text{neg}}$
JOHN VISIT NONE/NO-ONE

According to this analysis, the quantifier NONE/NO-ONE in (44) must be derived from an intermediate form in which preverbal negation NOT is adjacent to the existential NP ONE and this triggers reanalysis to yield NONE/NO-ONE. In this case, however, preverbal negation in this intermediate form is also adjacent to FINISH, which is competing with the existential NP to trigger reanalysis. It follows that, like FATTO in (40), in the derivation of (44) FINISH cannot conflate with negation, thus violating the requirement that adjacency with negation should trigger reanalysis.

It is interesting to note, by the way, that the use of distinct lexical items in LIS and ASL to spell out combinations of the morphological features of negation and perfect when they occur in adjacent strings is not found for Italian or English, as seen in (94) or (95).

(94) Gianni non ha telefonato
Gianni not has telephoned
'Gianni has not called.'

(95) John has not left.

The lack of adjacency effects between negation and perfect would follow trivially from the non-adjacency of these features. Iatridou, Anagnostopoulou and Izvorski (2001) argue that in perfect constructions involving auxiliary plus participle (found in many spoken languages), the perfect semantics is contributed by the participial morphology rather than by the auxiliary (based on the fact that the perfect meaning is retained by the participle in constructions where it can be separated from the auxiliary). If this is correct, then in Italian and English sentences such as (88) and (89), where *neg* and *perf* features are not adjacent – separated either by the auxiliary or its trace – such effects are not found: there is no incompatibility between the lexical negator and the morphological marking of perfect that occurs in VP.

6 Summary

A grammaticalization process from a homophonous lexical verb meaning ‘finish’ has yielded functional elements, glossed as FATTO, occurring postverbally in Italian Sign Language, and FINISH, which precedes the VP in American Sign Language. We argued that FATTO and FINISH occur under the scope of tense (possibly in AspP) and semantically carry the information that a culminated event of the type denoted by the VP occurs at a time preceding the time indicated by the tense. We argued, moreover, that this accounts for very similar semantic restrictions in LIS and ASL on the usage of FATTO and FINISH, as well as for their occurrence with time adverbs like ORA and NOW. Finally, we argued that the behavior of FATTO and FINISH with negation is explained by the fact that existential items and negation must be reanalyzed as a single constituent under adjacency. We suggested that the phonological realization of this reanalysis is best accounted for under a distributive morphology approach of the kind proposed by Halle and Marantz.

10 Functional markers in sign languages

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1. See, for example, Bybee, Perkins and Pagliuca (1994).
2. A “perfective” form describes a complete event. “Completives,” according to Dahl and Velupillai (2008), “are used of completed events but only if some additional nuance of meaning is intended, for instance if emphasis is put on the result being complete or affecting the object totally.” For the notion of complete event, see section 2 of this chapter.
3. Similarities between sign languages and creoles were first noted in Fischer 1978.
4. This informal characterization of perfectivity is widely adopted in descriptive studies of aspect. For example, according to Dahl and Velupillai (2008), “To be interpreted as a perfective, ... a form should be the default way of referring to a completed event in the language in question.” According to Jakobson (1957), “perfective [is] ... concerned with the absolute completion of the [narrated event].”
5. See, for example, Heim 1997 for a way of representing the present perfect along these lines.
6. Some of our informants also produced sentences like (i), in which FATTO is possibly analyzed as taking MANGIARE (‘eat’) as a complement:

(i)	GIANNI	DOLCE	FATTO	MANGIARE
	Gianni	cake	done	eat
	‘Gianni finished eating the cake.’			
7. Determiners may also occur before the noun.
8. Depending on the context, a sentence like (9) may also describe past or future events. For a discussion of how temporal information may be conveyed in LIS, see Zucchi 2009.
9. If this hypothesis is correct, the example sentences with FATTO would be best translated by the English simple past rather than, as we do in the text, by the English perfect.
10. See Chomsky and Lasnik 1993 and Chomsky 1995.
11. See Bahan (1996) and Padden (1988).
12. Similar aspectual markers have developed from the adverb meaning ‘already’ or an adjective meaning ‘ready’ in German Sign Language (DGS) and in the Sign Language of the Netherlands (NGT) as well (Pfau & Steinbach 2006).
13. Recognized for its perfective meaning by Aarons *et al.* (1992), ASL FINISH, on the usage in question, is analyzed by Neidle and MacLaughlin (2002) as a perfect marker occurring structurally in an Aspect projection under the scope of Tense. Here it is proposed to mark both perfect and perfective.
14. See Duffy 2007 for a different interpretation of some of the data presented by Rathmann (2005).
15. See www.bu.edu/asllrp/SignStream, and www.bu.edu/asllrp/csigr/.
16. For discussion of apparent exceptions, see Duffy 2007.
17. Perfective aspect, however, is not ungrammatical with negation in Russian, as shown by the following example from Comrie 1976:

(i)	On dolgo ugovarival (Impf.) menja, no ne ugovoril (Pfv.)
	‘He was trying to persuade me for a long time, but he didn’t persuade me.’
18. Despite what the gloss suggests, NON-ANCORA is not phonologically derived by incorporating negation with ANCORA.

19. Here, we leave open the issue of how the inference that John won't do his homework is generated for (57), whether it simply follows from the grammatical meaning of (57) or from the interaction of the semantics of (57) with additional pragmatic principles.
20. Similarly, ASL sentence (62) may be used as the negative counterpart of the sentence with FINISH in (18).
21. Thus, for example, the Norwegian negative NP *ingen bøker* ('no book') cannot appear in postverbal object position, as in (ii), while it can appear preverbally, as in (iii). If the object remains postverbal, the discontinuous strategy must be used as in (iv), with the postverbal NP *noen bøker* ('any books') licensed by preverbal negation, *ikke* ('not'):
- (i) Jon har kjøpt en bok
Jon has bought a book
'Jon has bought a book.'
- (ii) *Jon har kjøpt ingen bøker
Jon has bought no books
'Jon has bought no books.'
- (iii) Jon har ingen bøker kjøpt
Jon has no books bought
'Jon has bought no books.'
- (iv) Jon har ikke kjøpt noen bøker
Jon has not bought any books
'Jon has not bought any books.'
22. Christensen's theory develops an idea originally proposed for English *nobody* by Klima (1964), according to which *nobody* is derived from conflation of *not* and *anybody* under syntactic adjacency.
23. Since LIS lacks articles, the indefiniteness of the NP *CASA* in (68) is not marked overtly, but is inferred from the context.
24. See Geraci (2006) for this observation and for discussion of N-words in LIS.
25. The question why in some cases the discontinuous strategy is chosen, as in (68), and in other cases negative NPs are used, as in (81)–(82), is one for which we do not have an answer at the moment. What is crucial for our point, however, is that in LIS the canonical position of negative NPs is postverbal, and so is the position of negation.
26. Geraci assumes that negation is also located in SpecNegP to account for the fact that negative NPs and negation cannot co-occur. Notice that, on this account, this fact may be explained also under the assumption that negation heads NegP, since the negative NP arises from conflating negation with the existential NP, and thus we should not expect them to co-occur.
27. The sign *FATTO*, as it appears from Figure 10.1, starts with open hands and palms facing the chest of the signer, then the hands move downwards and the palms end up facing the ground. In the sign for *NON*, the index finger moves repeatedly to the right and to the left with the palm facing the addressee. In the sign for *NON-ANCORA*, the palms face the addressee, the thumb and the index finger form a ring while the other fingers are extended, and the hands alternatively move close and far. In the sign for *NIENTE*, hands and palms are configured in the same way as for *NON-ANCORA*, but they move apart once and with a wider movement.
28. According to this proposal, LF structures carry information only about the structural components of meaning (quantifier scope, etc.), and not about the lexical meaning of individual nouns and verbs. See Marantz (1994) on how semantic interpretation is determined in a DM approach.

REFERENCES

- Aarons, D. (1994). *Aspects of the Syntax of American Sign Language*. PhD dissertation, Boston University.
- Aarons, D., Bahan, B., Kegl, J. & Neidle, C. (1992). Clausal structure and a tier for grammatical marking in American Sign Language. *Nordic Journal of Linguistics*, **15**, 103–142.
- (1995). Lexical tense markers in American Sign Language. In K. Emmorey & J. S. Reilly (eds.), *Language, Gesture and Space* (pp. 225–253). Hillsdale, NJ: Lawrence Erlbaum Associates.
- Abdel-Fattah, M. (2005). Arabic Sign Language: A perspective. *Journal of Deaf Studies and Deaf Education*, **10**, 212–221.
- Abercrombie, D. (1967). *Elements of General Phonetics*. Edinburgh: Edinburgh University Press.
- Aboh, E. O., Pfau, R. & Zeshan, U. (2005). When a wh-word is not a wh-word: The case of Indian Sign Language. In T. Bhattacharya (ed.), *The Yearbook of South Asian Languages and Linguistics 2005* (pp. 11–43). Berlin: Mouton de Gruyter.
- Adamiec, T. (2003). Głuchoniemi i ich świadectwa życia od starożytności do końca XVIII wieku – przegląd problematyki. In M. Świdziński & T. Gałkowski (eds.), *Studia nad Kompetencja Językowa i Komunikacyjna Niesłyszących*. Warsaw: Uniwersytet Warszawski.
- Adams, M. (2003). *Historia de la Educación de los Sordos en México y Lenguaje por Señas Mexicano*. Spring Valley, CA: Fundación de Sordos Hispanos de San Diego.
- Aitchison, J. (1991). *Language Change: Progress or Decay?* Cambridge: Cambridge University Press.
- Ajavon, P. A. (2003). *The Incorporation of Nigerian Signs in Deaf Education in Nigeria: A Pilot Study*. Frankfurt am Main. Brussels: Peter Lang.
- Ajello, R., Mazzoni, L. & Nicolai, F. (2001). Linguistic gestures: Mouthing in Italian Sign Language (LIS). In P. Boyes Braem & R. Sutton-Spence (eds.), *The Hands Are the Head of the Mouth: The Mouth as an Articulator in Sign Languages* (pp. 231–246). Hamburg: Signum.
- Akach, A. O. (1993). Squibbles barriers. *Sign Post*, **6**(1), 2–4.
- Aldersson, R. & McEntee-Atalini L. J. (2007). A lexical comparison of Icelandic and Danish Sign Language. *Birkbeck Studies in Applied Linguistics*, **2**, 41–67.
- Aldrete, G. S. (1999). *Gestures and Acclamations in Ancient Rome (Ancient Society and History)*. Baltimore, MD/London: Johns Hopkins University Press.
- Alibašić Ciciliani, T. & Wilbur, R. B. (2006). Pronominal system in Croatian Sign Language. *Sign Language and Linguistics*, **9**, 95–132.

- Alisedo, G. & Skliar, C. (1993). The influence of Italian oralism in Argentina. In R. Fischer & H. Lane (eds.), *Looking Back: A Reader on the History of Deaf Communities and their Sign Languages* (pp. 307–332). Hamburg: Signum.
- Allen, G. D., Wilbur, R. B. & Schick, B. S. (1991). Aspects of rhythm in ASL. *Sign Language Studies*, **72**, 297–320.
- Allott, R. (2000). *Brain, Lexicon, Syntax*. Rutgers, NJ: Language Origins Society.
- American School for the Deaf (1818). *Second Report of the Directors of the Connecticut Asylum for the Education and Instruction of Deaf and Dumb Persons*. 5. Hartford: American School for the Deaf.
- Anderson, J. M. (1971). *The Grammar of Case: Towards a Localist Theory*. London: Cambridge University Press.
- Ann, J. (1993). A linguistic investigation of the relationship between physiology and handshape. PhD dissertation. University of Arizona, Tucson.
- (1998). Contact between a sign language and a written language: Character signs in Taiwan Sign Language. In C. Lucas (ed.), *Pinky Extension and Eye Gaze: Language Use in Deaf Communities* (pp. 59–99). Washington, DC: Gallaudet University Press.
- (2006). *Frequency of Occurrence and Ease of Articulation of Sign Language Handshapes: The Taiwanese example*. Washington, DC: Gallaudet University Press.
- Aramburo, A. (1989). Sociolinguistic aspects of the Black Deaf community. In C. Lucas (ed.), *The Sociolinguistics of the Deaf Community* (pp. 103–119). San Diego, CA: Academic Press.
- Archangeli, D. (1988a). Aspects of underspecification theory. *Phonology*, **5**, 183–208.
- (1988b). *Underspecification in Yawelmani Phonology and Morphology*. New York: Garland Press.
- Arends, J., Muysken, P. & Smith, N. (1995). *Pidgins and Creoles: An Introduction*. Amsterdam: John Benjamins Associates.
- Ariko, C. (2006). Deaf demand special news. *The New Vision*, March 28th Edition.
- Aronoff, M., Meir, I. & Sandler, W. (2005). The paradox of sign language morphology. *Language*, **81**(2), 301–344.
- Aronoff, M., Meir, I., Padden, C. & Sandler, W. (2003). Classifier constructions and morphology in two sign languages. In K. Emmorey (ed.), *Perspectives on Classifier Constructions in Sign Languages* (pp. 53–86). Mahwah, NJ: Lawrence Erlbaum Associates.
- (2004). Morphological universals and the sign language type. In G. Booij & J. van Marle (eds.), *Yearbook of Morphology 2004* (pp. 19–39). Dordrecht/Boston, MA: Kluwer Academic Publishers.
- (2008). The roots of linguistic organization in a new language. In *Interaction Studies: A Special issue on Holophrasis vs. Compositionality in the Emergence of Protolanguage*, **9**(1), 131–150.
- Arrotéia, J. (2003). Papel do marcador ‘aceno de cabeça’ em sentenças não-conônicas. Paper presented at III Seminário Internacional Abralín, UFRJ (Universidade Federal do Rio de Janeiro), Rio de Janeiro.
- Askins, D. & Perlmutter, D. (1995). Allomorphy explained through phonological representation: Person and number inflection of American Sign Language. Paper presented at the Annual Meeting of the German Linguistic Society, Gottingen.
- Atkinson, J., Campbell, R., Marshall, J., Thacker, A. & Woll, B. (2004). Understanding “not”: Neuropsychological dissociations between hand and head markers of negation in BSL. *Neuropsychologia*, **42**, 214–229.
- Avery, P. & Idsardi, W. (2001). Laryngeal dimensions, completion and enhancement. In T. A. Hall (ed.), *Distinctive Feature Theory* (pp. 41–70). Berlin: Mouton de Gruyter.

- Babiński, G. (1998). *Metodologiczne problemy badań etnicznych*. Kraków: Zakład Wydawniczy "NOMOS."
- Bahan, B. (1996). Non-manual realization of agreement in American Sign Language. PhD dissertation, Boston University.
- Bahan, B., Kegl, J., Lee, R., MacLaughlin, D. & Neidle, C. (2000). The licensing of null arguments in American Sign Language. *Linguistic Inquiry*, **31**, 1–27.
- Bailey, C.-J. N. (1970). Lectal groupings in matrices generated with waves along the temporal parameter. *Working Papers in Linguistics*, **2**, 214.
- (1971). Variation and language theory. Unpublished manuscript, Arlington, VA: Center for Applied Linguistics.
- Bailey, C. S. & Dolby, K. (2002). *The Canadian Dictionary of ASL*. Edmonton, Canada: University of Alberta Press.
- Baker, A. E. (2000). Official recognition of sign language in the Netherlands. *Deaf Worlds*, **16**(2), 34–38.
- Baker, A. E. & van der Hulst, H. (1996). Sign linguistics: Phonetics, phonology and morpho-syntax. *Lingua*, **98**, 1–3.
- Baker, A. E. & Woll, B. (eds.) (2009). *Sign Language Acquisition*. Amsterdam: John Benjamins.
- Baker, C. & Cokley, D. (1980). *American Sign Language: A Teacher's Resource Text on Grammar and Culture*. Silver Spring, MD: T. J. Publishers.
- Baker, C. & Padden, C. (1978). Focusing on the non-manual components of American Sign Language. In P. Siple (ed.), *Understanding Language Through Sign Language Research* (pp. 27–57). New York: Academic Press.
- Baker-Shenk, C. (1983). A micro-analysis of the non-manual components of questions in American Sign Language. PhD dissertation, University of California, Berkeley.
- Baker-Shenk, A. E., van den Bogaerde, B. & Woll, B. (2005). Methods and procedures in sign language acquisition studies. *Sign Language and Linguistics*, **8**(1/2), 7–59.
- Barakat, R. (1973). Arabic gestures. *Journal of Popular Culture*, **6**, 749–791.
- Barasch, M. (1987). *Giotto and the Language of Gesture*. Cambridge, MA: Cambridge University Press.
- Barnplantorna, Riksförbundet för Barn med Cochleaimplantat och Barn med Hörapparat. (n.d.). Cochleaimplantat: en fantastisk möjlighet för döva att få höra. Available at www.barnplantora.se.
- Basu, D. (2005). Verb compounds in Bangla: An event based analysis. Master's thesis, Purdue University, West Lafayette, IN.
- Bates, E., Benigni, L., Bretherton, I., Camioni, L. & Volterra, V. (1979). *The Emergence of Symbols: Cognition and Communication in Infancy*. New York: Academic Press.
- Battison, R. (1974). Phonological deletion in American Sign Language. *Sign Language Studies*, **5**, 1–19.
- (1978). *Lexical Borrowing in American Sign Language*. Silver Spring, MD: Linstok Press. Repr. 2003, Burtonsville, MD: Sign Media, Inc..
- Battison, R., Markowicz, H. & Woodward J. (1975). A good rule of thumb: Variable phonology in American Sign Language. In R. W. Fasold & R. W. Shuy (eds.), *Analyzing Variation in Language* (pp. 291–302). Washington, DC: Georgetown University Press.
- Bayley, R. (2002). The quantitative paradigm. In J. K. Chambers, P. Trudgill & N. Schilling-Estes (eds.), *The Handbook of Language Variation and Change* (pp. 117–141). Oxford: Blackwell.
- Bayley, R., & Lucas C. (in press). Phonological variation in Louisiana ASL: An exploratory study. In M. Picone & C. Davies (eds.), *Language Variety in the South: Historical and Contemporary Perspectives*. Tuscaloosa, AL: University of Alabama Press.

- Bayley, R. & Pease-Alvarez, L. (1997). Null pronoun variation in Mexican-descent children's narrative discourse. *Language Variation and Change*, **9**, 349–371.
- Baynton, C. D. (1996). *Forbidden Signs: American Culture and the Campaign Against Sign Language*. Chicago, IL: University of Chicago Press.
- Bébian, Roch-Ambroise A. (1825). *Mimographie ou essai d'écriture mimique, propre à régulariser le langage des sourds-muets*. Paris: Colas.
- Beecken, A., Keller, J., Prillwitz, S. & Zienert, H. (1999). *Grundkurs Deutsche Gebärdensprache. Lehrbuch Stufe 1*. Hamburg: Signum.
- Behares, L. E. & Massone, M. I. (1996). The sociolinguistics of Uruguayan and Argentinian deaf communities as a language-conflict situation. *Journal of the Sociology of Language*, **117**, 99–113.
- Bell, A. M. (1867). *Visible Speech: The Science of Universal Alphabets or Self-Interpreting Physiological Letters, for the Writing of All Languages in One Alphabet*. London/New York: Simpkin, Marshall & Co.
- (1881). *Sounds and Their Relations: A Complete Manual of Universal Alphabets, Illustrated by Means of Visible Speech*. Salem, MA: J. P. Burbank.
- Bellugi, U. & Klima, E. (1982). From gesture to sign: Deixis in a visuo-gestural language. In R. J. Jarvella & W. Klein (eds.), *Speech, Place, and Action: Studies in Deixis and Related Topics* (pp. 279–313). Chichester, NY: Wiley.
- Benalcázar, O. (1994). Principles, changes, and current guidelines in the education of the Deaf. In C. J. Erting, R. C. Johnson, D. L. Smith & B. D. Snider (eds.), *The Deaf Way: Perspectives from the International Conferences on Deaf Culture* (pp. 127–128). Washington, DC: Gallaudet University Press.
- Benedicto, E. & Brentari, D. (2004). Where did all the arguments go?: Argument-changing properties of classifiers in ASL. *Natural Language and Linguistic Theory*, **22**(4), 743–810.
- Berenz, N. (1998). The case for Brazilian Sign Language: A deaf community finds its voice. In D. A. Kibbee (ed.), *Language Legislation and Linguistic Rights* (pp. 269–287). Amsterdam/Philadelphia, PA: John Benjamins Associates.
- (2002). Insights into person deixis. *Sign Language and Linguistics*, **5**(2), 203–227.
- (2003). Sudros venceremos: The rise of the Brazilian Deaf Community. In L. Monaghan, C. Schmaling, K. Nakamura & G. Turner (eds.), *Many Ways to Be Deaf* (pp. 173–193). Washington, DC: Gallaudet University Press.
- Bergman, B. (1979). *Signed Swedish [translated from Tecnad svenska (1977)]*. Stockholm: Liber Distribution.
- (1983). *Studies in Swedish Sign Language*. Doctoral dissertation, Stockholm University.
- Bergman, B. & Wallin, L. (1994). The study of sign language in society. In C. Erting, R. C. Johnson, D. Smith & B. Snider (eds.), *The Deaf Way: Perspectives from the International Conference on Deaf Culture* (pp. 309–330). Washington, DC: Gallaudet University Press.
- Bezzina, F. (n.d.). *Niftiehm bis-sinjali: Gabra mil-Lingwi tas-Sinjali Maltin*. Malta: Gozo Association for the Deaf.
- Bickford, A. (1991). Lexical variation in Mexican Sign Language. *Sign Language Studies*, **72**, 241–276.
- Biesold, H. (1999). *Crying Hands: Eugenics and Deaf People in Nazi Germany*. Washington, DC: Gallaudet University Press.
- Birch-Rasmussen, S. (1989). *Lærebog i Mundhåndssystem*. København: Døves Center for Total Kommunikation (KC).
- Biritwum, R. B., Devres, J. P., Ofoosu-Amaah, S., Marfo, C. & Essah, E. R. (2001). Prevalence of children with disabilities in central region. Ghana. *West African Journal of Medicine*, **20**(3), 249–255.

- Black, P. & Kruskal, J. (1997). Comparative lexicostatistics: A brief history and bibliography of key words. Available at www.ntu.edu.au/education/langs/ielex/BIBLIOG.html.
- Blench, R. & Nyst, V. (2003). An unreported African sign language in Northeast Nigeria. *OGMIOS Newsletter*, Vol. 2.10, 22.
- Blench, R. & Warren, A. (2005). An unreported African sign language for the deaf among the Bura in Northeast Nigeria. Available at http://homepage.ntlworld.com/roger_blench/Language%20data.htm.
- Blevins, J. (1995). The syllable in phonological theory. In J. A. Goldsmith (ed.), *The Handbook of Phonological Theory* (pp. 206–244). Oxford: Blackwell.
- Bloomfield, L. (1933). *Language*. New York: Henry Holt and Co.
- Bobaljik, J. (1995). Morphosyntax: The Syntax of Verbal Inflection. PhD dissertation, MIT, Cambridge, MA.
- Boeters, G. (1926). Lex Zwickau. *Zeitschrift für Volksaufartung und Erbkunde*, 1, 148–150.
- Bohnemeyer, J. (2003). The unique vector constraint. In E. van der Zee, & J. Slack (eds.), *Representing Direction in Language and Space* (pp. 86–110). Oxford: Oxford University Press.
- Bohnemeyer, J., Enfield, N., Essegbey, J., Ibarretxe-Atunaño, I., Kita, S., Lüpke, F. & Ameka, F. (2007). Principles of event segmentation in language: The case of motion events. *Language*, 83(3), 495–532.
- Bolinger, D. (1986). *Intonation and Its Parts*. Stanford, CA: Stanford University Press.
- Bonvillian, R. J. & Folven, J. D. (1991). The transition from non-referential to referential language in children acquiring ASL development. *Psychology*, 25(5), 806–816.
- (1993). Sign language acquisition: Developmental aspects. In M. Marschark & D. M. Clark (eds.), *Psychological Perspective on Deafness* (pp. 229–265). Hillsdale, NJ: Lawrence Erlbaum Associates.
- Bonvillian, R. J., Orlansky, M. D., Novack, L. L., Folven, R. J. & Wilcox, P. H. (1985). Language cognition and chirological development: The first steps in language acquisition. In W. Stokoe & V. Volterra (eds.), *Sign Language Research '83: Proceedings of the III International Symposium on Sign Language Research* (pp. 10–23). Silver Spring, MD: Linstok Press.
- Bos, H. F. (1990). Person and location marking in SLN: Some implications of a spatially expressed syntactic system. In S. Prillwitz & T. Vollhaber (eds.), *Current Trends in European Sign Language Research: Proceedings of the 3rd European Congress on Sign Language Research* (pp. 231–246). Hamburg: Signum. (International Studies on Sign Language and Communication of the Deaf; vol. 9)
- (1993). Agreement and pro drop in sign language of the Netherlands. In K. Hengeveld & F. Drijkoningen (eds.), *Linguistics in the Netherlands* (pp. 37–48). Amsterdam/Philadelphia, PA: John Benjamins Associates. (AVT Publications; vol. 10)
- (1994). An auxiliary verb in Sign Language of the Netherlands. In I. Ahlgren, B. Bergman & M. Brennan (eds.), *Perspectives on Sign Language Structure: Papers Presented from the Fifth International Symposium on Sign Language Research (SLR)*, Vol. I (pp. 37–53). Durham: International Sign Linguistic Association.
- (1995). Pronoun copy in Sign Language of the Netherlands. In H. F. Bos & G. M. Schermer (eds.), *Sign Language Research 1994: Proceedings of the Fourth European Congress on Sign Language Research, Munich* (pp. 121–148). Hamburg: Signum. (International Studies on Sign Language and Communication of the Deaf; vol. 29)
- Bošković, Z. & Lasnik, H. (2007). *Minimalist Syntax: The Essential Readings*. Oxford: Blackwell.
- Bouchard, D. (1996). Sign language & language universals: The status of order & position in grammar. *Sign Language Studies*, 91, 99–139.

- Bouchard, D. & Dubuisson, C. (1995). Grammar, order & position of wh-signs in Quebec Sign Language. *Sign Language Studies*, **87**, 99–139.
- Bourgerie, D. S. (1990). A quantitative study of sociolinguistic variation in Cantonese (China). PhD dissertation, Ohio State University, Columbus.
- Boyes Braem, P. (1990a). Acquisition of the handshape in American Sign Language: A preliminary analysis. In V. Volterra & C. Erting (eds.), *From Gesture to Language in Hearing and Deaf Children* (pp. 107–127). New York: Springer.
- (1990b). *Einführung in die Gebärdensprache und ihre Erforschung*. Hamburg: Signum.
- (1996). *Eine Untersuchung über den Einfluß des Erwerbsalters auf die in der deutschsprachigen Schweiz verwendeten Formen von Gebärdensprache*. Informationsheft Nr. 27. Zurich: Verein zur Unterstützung der Gebärdensprache der Gehörlosen.
- (1999). Rhythmic temporal patterns in the signing of early and late learners of German Swiss Sign Language. *Language and Speech*, **42**(2/3), 177–208.
- (2001a). A multimedia bilingual database for the lexicon of Swiss German Sign Language. *Sign Language and Linguistics*, **4**(1/2), 133–143.
- (2001b). Functions of the mouthing component in the signing of deaf early and late learners of Swiss German Sign Language. In D. Brentari (ed.), *Foreign Vocabulary in Sign Language* (pp. 1–47). Mahwah, NJ: Lawrence Erlbaum Associates.
- (2001c). Functions of the mouthings in the signing of Deaf early and late learners of Swiss German Sign Language (DSGS). In P. Boyes Braem & R. Sutton-Spence (eds.), *The Hands Are the Head of the Mouth: The Mouth as Articulator in Sign Language* (pp. 99–131). Hamburg: Signum.
- (2003–2005). *Linguistic Descriptions of DSGS, as Printable Texts in the Four CD-ROMS*. Zurich: Schweizerischer Gehörlosenbund-DS.
- Boyes Braem, P. & Sutton-Spence, R. (2001). *The Hands Are the Head of the Mouth: The Mouth as Articulator in Sign Languages*. Hamburg: Signum.
- Boyes Braem, P., Pizzuto, E. & Volterra, V. (2002). The interpretation of signs by (hearing and deaf) members of different cultures. In R. Schulmeister & H. Reinitzer (eds.), *Progress in Sign Language Research: In Honor of Siegmund Prilwitz* (pp. 187–219). Hamburg: Signum. (International Studies on Sign Language and Communication of the Deaf; vol. 40)
- Boyes Braem, P., Fournier, M. L., Rickli, F., Corazza, S., Franchi, M. L. & Volterra, V. (1990). A comparison of techniques for expressing semantic roles and locative relations in two different sign languages. In W. H. Edmondson & F. Karlsson (eds.), *Papers from the Fourth International Symposium on Sign Language Research (SLR 1987)* (pp. 114–120). Hamburg: Signum.
- Boyes Braem, P., Caramore, B., Herman, R. & Shores-Hermann, P. (2000). Romance and reality: Sociolinguistic similarities and differences between Swiss German Sign Language and Rhaeto-Romansh. In L. Monaghan (ed.), *Many Ways to BE Deaf: International Variation in Language, Identity and Ideology* (pp. 89–113). Hamburg: Signum.
- Branchini, C. & Donati, C. (2009). Relatively different: Italian Sign Language relative clauses in a typological perspective. In A. Lipták (ed.), *Correlatives Cross-Linguistically* (pp. 157–191). Amsterdam: Benjamins.
- Braze, F. D. (2004). Aspectual inflection, verb raising, and object fronting in American Sign Language. *Lingua*, **114**, 29–58.
- Brennan, M. (1990). Word Formation in British Sign Language. PhD dissertation, University of Stockholm.
- (1992). The visual world of BSL: An Introduction. In D. Brien (ed.), *Dictionary of British Sign Language/English* (pp. 1–133). London: Faber & Faber.

- (2005). Conjoining word and image in British Sign Language (BSL): An exploration of metaphorical signs in BSL. *Sign Language Studies*, 5, 360–382.
- Brennan, M. & Turner, G. (1994). *Word-Order Issues in Sign Language*. Durham: International Sign Linguistics Association.
- Brentari, D. (1990). Theoretical foundations in American Sign Language phonology. PhD dissertation, University of Chicago.
- (1998). *A Prosodic Model of Sign Language Phonology*. Cambridge, MA: MIT Press.
- (2002). Modality differences in sign language phonology and morphophonemics. In R. Meier, D. Quinto & K. Cormier (eds.), *Modality in Language and Linguistic Theory* (pp. 35–64). Cambridge: Cambridge University Press.
- (2005) The use of morphological templates to specify handshapes in sign languages. *Linguistische Berichte*, 13, 145–177.
- (in press). Sign language phonology. In J. Goldsmith, A. Yu & J. Riggles (eds.), *Handbook of Phonological Theory*. 2nd edn. Oxford/New York: Blackwell.
- Brentari, D. & Crossley, L. (2002). Prosody on the hands and face: Evidence from American Sign Language. *Sign Language and Linguistics*, 5(2), 105–130.
- Brentari, D. & Goldsmith, J. (1993). Secondary licensing and the non-dominant hand in ASL phonology. In G. Coulter (ed.), *Current Issues in ASL Phonology* (pp. 19–41). New York: Academic Press.
- Brentari, D. & Padden, C. A. (2001). Native and foreign vocabulary in American Sign Language: A lexicon with multiple origins. In D. Brentari (ed.), *Foreign Vocabulary in Sign Languages* (pp. 87–119). Mahwah, NJ: Lawrence Erlbaum Associates.
- Brentari, D., González, C., Seidl, A. & Wilbur, R. (in press). Sensitivity to visual prosodic cues in signers and nonsigners. *Language and Speech*.
- Brentari, D., van der Hulst, E., van der Kooij & Sandler, W. (1996). [One] Over [All]; [All] Over [One]: A dependency phonology analysis of handshape in sign languages. Unpublished manuscript, Purdue University, University of Connecticut and the University of Haifa.
- Brenzinger, M., Heine, B. & Sommer, G. (1991). Language death in Africa. In R. H. Robins & E. M. Uhlenbeck (eds.), *Endangered Languages* (pp. 19–45). Oxford/New York: Berg.
- Brien, D. (1992). *Dictionary of British Sign Language/English*. London: Faber & Faber.
- Briggs, C. L. & Guede, N. (1964). *No More For Ever: A Saharan Jewish Town*. Cambridge, MA: Peabody Museum.
- Brito, L. F. (1984). Similarities and differences in two Brazilian Sign Languages. *Sign Language Studies*, 42, 45–56.
- Brouland, J. (1855). *Language Mimique: Spécimen d'un Dictionnaire des Signes*. Washington, DC: Gallaudet Archives.
- Bruce, V. & Green, P. (1990). Visual perception. In *Physiology, Psychology, and Ecology*. 2nd edn. London/Hillsdale, NJ: Lawrence Erlbaum Associates.
- Brugman, H., Crasborn, O. & Russel, A. (2004). Collaborative annotation of sign language data with peer-to-peer technology. Paper presented at the Fourth International Conference on Language Resources and Evaluation (LREC 2004), Lisbon.
- Buhler, D. (2007). Friendships in Costa Rica: Mobility International USA. Available at www.miusa.org/ncde/stories/buhler.
- Bühler, K. (1990). *Theory of Language: The Representational Function of Language*. Amsterdam: John Benjamins Associates.
- Bulwer, J. (1644). *Chirologia: Or the Natural Language of the Hand*. London: R. Whitaker.
- Bulwer, J. (1648). *Philocophus: Or the Deafe and Dumbe Man's Friend*. London: Humphrey Moseley.
- Butler, J. (2003). A Minimalist treatment of modality. *Lingua*, 113, 967–996.

- Bybee, J. (2003). Cognitive processes in grammaticalization. In M. Tomasello (ed.), *The New Psychology of Language: Cognitive and Functional Approaches to Language Structure* (pp. 145–168). Mahwah, NJ: Lawrence Erlbaum Associates.
- Bybee, J., Perkins, R. & Pagliuca, W. (1994). *The Evolution of Grammar: Tense, Aspect, and Modality in the Languages of the World*. Chicago, IL: University of Chicago Press.
- Byun, K.-S. (2004). Gender marking in Korean Sign Language. Paper presented at the Mini-Conference on Sign Language Research, Nijmegen.
- Callaway, A. (1998). Deaf children in China. *China Review*, Spring, 28–32.
- Campos de Abreu, A. (1994). The Deaf social life in Brazil. In C. J. Ertling, R. C. Johnson, D. L. Smith & B. D. Snider (eds.), *The Deaf Way: Perspectives from the International Conference on Deaf Culture* (pp. 114–116). Washington, DC: Gallaudet University Press.
- Caramore, B. (1988). *Die Gebärdensprache in der Schweizerischen Gehörlospädagogik des 19. Jahrhunderts*. Zurich, Hamburg: Verlag Hörgeschädigte Kinder.
- (1990). Sign language in the education of the deaf in 19th century Switzerland. In S. Prillwitz & T. Vollhaber (eds.), *Current Trends in European Sign Language Research: Proceedings of the Third European Congress on Sign Language Research. Hamburg July 26–29, 1989* (pp. 23–34). Hamburg: Signum.
- Carew, R. (1602). *Survey of Cornwall*. London: John Jaggard.
- Carreiras, M., Gutierrez-Sigut, E., Baquero, S. & Corina, D. (2008). Lexical processing in Spanish Sign Language (LSE). *Journal of Memory and Language*, **58**, 100–122.
- Carroll, C. & Mather, S. (1997). *Movers & Shakers: Deaf People Who Changed the World*. San Diego, CA: Dawn Sign Press.
- Carty, B. (2000). John Carmichael: Australian Deaf pioneer. In A. Schembri, J. Napier, R. Beattie & G. R. Leigh (eds.), *Proceedings of the Australasian Deaf Studies Research Symposium, Renwick College, Sydney, Australia* (pp. 9–20). Sydney: North Rocks Press.
- Carty, B. (2004). Managing their own affairs: The Australian deaf community during the 1920s and 1930s. PhD dissertation, Griffith University, Brisbane.
- Caselli, M. C., Maragna, S. & Volterra, V. (2006). *Linguaggio e sordità: Gestì, segni e parole nello sviluppo e nell'educazione*. Bologna: Il Mulino.
- Casey, S. (2003). “Agreement” in gestures and signed languages: The use of directionality to indicate referents involved in actions. PhD dissertation, University of California, San Diego, CA.
- Castberg, P. A. (1809). *Om Tegn- eller Gæbærde-Sproget med Hensyn paa dets Brug af Døvstumme og dets Anvendelighed ved deres Undervisning*. Kiøbenhavn: Andreas Seidelin.
- Cecchetto, C., Geraci, C. & Zucchi, S. (2006). Strategies of relativization in Italian Sign Language. *Natural Language and Linguistic Theory*, **24**, 945–975.
- Channon, R. (2002a). Signs are single segments: phonological representations and temporal sequencing in ASL and other sign languages. PhD dissertation, University of Maryland, College Park.
- Channon, R. (2002b). Beads on a string? Representations of repetition in spoken and signed languages. In R. Meier, D. Quinto & K. Cormier (eds.), *Modality and Structure in Signed and Spoken Languages* (pp. 65–87). Cambridge: Cambridge University Press.
- Cheikh, E. B. (2007). Un apprentissage du langage des signes. *Le Soleil*, August 7.
- Chen Pichler, Deborah. (2001). Word order variability and acquisition in American Sign Language. PhD dissertation, University of Connecticut, Storrs.
- Chomsky, N. (1957). *Syntactic Structures*. The Hague: Mouton de Gruyter.
- Chomsky, N. (1965). *Aspects of the Theory of Syntax*. Cambridge, MA: MIT Press.
- Chomsky, N. (1977). On wh-movement. In P. Culicover, T. Wasow & A. Akmajian (eds.), *Formal Syntax* (pp. 71–132). New York: Academic Press.

- Chomsky, N. (1995). *The Minimalist Program*. Cambridge, MA: MIT Press.
- Chomsky, N. & Halle, M. (1968). *The Sound Pattern of English*. New York: Harper and Row.
- Chomsky, N. & Lasnik, H. (1993). The theory of principles and parameters. In J. Jacobs, A. Von Stechow, W. Sternefeld, & T. Venneman (eds.), *Syntax: An International Handbook of Contemporary Research*, Vol. I (pp. 506–569). Berlin: Mouton de Gruyter. Repr. with minor revisions in Chomsky (1995).
- Christensen, K. K. (1986). Norwegian *ingen*: A case of post-syntactic lexicalization. In Ö. Dahl & A. Holmberg (eds.), *Scandinavian Syntax* (pp. 21–35). Stockholm: Institute of Linguistics, Stockholm University.
- Cinque, G. (1999). *Adverbs and Functional Heads*. Oxford: Oxford University Press.
- Clark, H. (1973). Space, time, semantics, and the child. In T. E. Moore (ed.), *Cognitive Development and the Acquisition of Language* (pp. 27–63). New York: Academic Press.
- Clements, G. N. (2001). Representational economy in constraint-based phonology. In T. A. Hall (ed.), *Distinctive Feature Theory* (pp. 71–146). Berlin: Mouton de Gruyter.
- Coates, J. Sutton-Spence, R. (2001). Turn taking patterns in deaf conversation. *Journal of Sociolinguistics*, 2, 2–34.
- Coerts, J. (1990). The analysis of interrogatives and negation in SLN. In S. Prillwitz & T. Vollhaber (eds.), *Proceedings of the Third European Congress on Sign Language Research. Hamburg* (pp. 265–277). Hamburg: Signum. (International Studies on Sign Language and Communication of the Deaf; vol. 9)
- (1992). Non-manual grammatical markers: An analysis of interrogatives, negation and topicalizations in Sign Language of the Netherlands. PhD dissertation, University of Amsterdam.
- (1994). Constituent order in Sign Language of the Netherlands and the functions of orientations. In I. Ahlgren, B. Bergman & M. Brennan (eds.), *Perspectives on Sign Language Structure: Papers from the Fifth International Symposium of Sign Language Research*, Vol. I (pp. 69–88). Durham: International Sign Linguistic Association.
- (2000). Early sign combinations in the acquisition of Sign Language of the Netherlands: Evidence for language-specific features. In C. D. Chamberlain, J. P. Morford & R. I. Mayberry (eds.), *Language Acquisition by Eye* (pp. 91–109). Mahwah, NJ: Lawrence Erlbaum Associates.
- Cogill-Koez, D. (2000a). A model of signed language “classifier predicates” as templated visual representation. *Sign Language and Linguistics*, 3, 209–236.
- (2000b). Signed language classifier predicates: Linguistic structures or schematic visual representation? *Sign Language and Linguistics*, 3, 153–207.
- Collins, S. (2004). Adverbial morphemes in tactile American Sign Language. PhD Dissertation, The Union Institute, Cincinnati, OH.
- Collins, S. & Petronio, K. (1998). What happens in Tactile ASL? In C. Lucas (ed.), *Pinky Extension and Eye Gaze: Language Use in Deaf Communities* (pp. 18–37). Washington, DC: Gallaudet University Press. (Sociolinguistics in Deaf Communities, vol. 4)
- Collins-Ahlgren, M. (1989). Aspects of New Zealand Sign Language. Doctoral Dissertation, Victoria University of Wellington.
- Comité Prociegos y Sordos de Guatemala. (2006). Guatemala División de Educación. Available at www.prociegosysordos.org.gt/index.php?id=3.
- Comrie, B. (1976). *Aspect*. Cambridge: Cambridge University Press.
- Coppola, M. (2002). The emergence of the grammatical category of Subject in home sign: Evidence from family-based gesture systems in Nicaragua. PhD dissertation: University of Rochester, NY.

- Coppola, M. (2007). Gestures to signs: The origins of words in Nicaraguan Sign Language. Paper presented at the Workshop Current Issues in Sign Language Research, University of Köln, Köln.
- Coppola, M. & Newport, E. L. (2005). Grammatical subjects in home sign: Abstract linguistic structure in adult primary gesture systems without linguistic input. *Proceedings of the National Academy of Science*, **102**(52), 19249–19253.
- Coppola, M. & So, W. C. (2005). Abstract and object-anchored deixis: pointing and spatial layout in adult homesign systems in Nicaragua. In M. R. Clark-Cotton, A. Brugos & S. Ha (eds.), *BUCLD 29: Proceedings of the Twenty-Ninth Annual Boston University Conference on Language Development* (pp. 144–155). Somerville, MA: Cascadilla Press.
- (2006). The seeds of spatial grammar: Spatial modulation and coreference in homesigning and hearing adults. In D. T. M. Bammann & C. Zaller (eds.), *BUCLD 30: Proceedings of the Thirtieth Annual Boston University Conference on Language Development* (pp. 119–130). Somerville, MA: Cascadilla Press.
- Corazza, S. (1993). The history of sign language in Italian education of the deaf. In R. Fischer & H. Lane (eds.), *Looking Back: A Reader on the History of Deaf Communities and Their Sign Languages* (pp. 219–229). Hamburg: Signum.
- (1997). La sezione ENS di Trieste. In A. Z. Zuccalà (ed.), *Cultura del gesto e cultura della parola: Viaggio antropologico nel mondo dei sordi* (pp. 107–112). Milan: Meltemi.
- Corbett, G. (2006). *Agreement*. Cambridge: Cambridge University Press.
- Corina, D. P. (1993). To branch or not to branch: Underspecification in American Sign Language handshape contours. In G. R. Coulter (ed.), *Current Issues in ASL Phonology* (pp. 63–95). New York: Academic Press.
- Corina, D. P. & Sandler, W. (1990). Reassessing the role of sonority in syllable structure: Evidence from a visual-gestural language. In M. Ziolkowski, M. Noske & K. Deaton (eds.), *Proceedings for the Annual Meeting of the Chicago Linguistic Society*, **26**; Vol. II: *The Parasession on the Syllable in Phonetics and Phonology* (pp. 33–43). Chicago, IL: Chicago Linguistic Society.
- (1993). On the nature of phonological structure in sign language. *Phonology*, **10**, 165–201.
- Corina, D. P., Bellugi, U. & Reilly, J. (1999). Neuropsychological studies of linguistic and affective facial expressions in deaf signers. *Language and Speech*, **42**(2/3), 307–331.
- Cormier, K. (1998). Grammatical and anaphoric agreement in American Sign Language. Master's thesis, University of Texas, Austin.
- (2002). Grammaticization of indexic signs: How American Sign Language expresses numerosity. PhD dissertation, University of Texas, Austin.
- Coulter, G. R. (1979). American Sign Language typology. PhD dissertation, University of California, San Diego.
- (1993). *Current Issues in American Sign Language Phonology*. San Diego, CA: Academic Press.
- Council of Arab Ministers of Social Affairs (2004). *Background paper on the international convention for the protection and promotion of the rights and dignity of persons with disabilities*. Available at www.un.org/esa/socdev/enable/rights/contrib-arab1.htm.
- Crain, R. C. (1996). Representing a sign as a single segment in American Sign Language. Paper presented at the Proceedings of the Eastern States Conference on Linguistics, 13 (ESCOL), University of New Brunswick, St. John.
- Crasborn, O. (2001). *Phonetic Implementation of Phonological Categories in Sign Language of the Netherlands*. Utrecht: LOT (Netherlands Graduate School of Linguistics).
- (2006). A linguistic analysis of the use of the two hands in sign language poetry. In J. van de Weijer & B. Los (eds.), *Linguistics in the Netherlands 2006* (pp. 65–77). Amsterdam: John Benjamins Associates.

- Crasborn, O. & de Wit, M. (2005). Ethical implications of language standardization for sign language interpreters. In J. Mole (ed.), *International Perspectives on Interpreting: Selected Proceedings from the Supporting Deaf People Online Conferences 2001–2005* (pp. 41–150). Bassinton: Direct Learn Services.
- Crasborn, O. & van der Kooij, E. (2003). Base joint configuration in Sign Language of the Netherlands: Phonetic variation and phonological specification. In J. van de Weijer (ed.), *The Phonological Spectrum. Vol. I: Segmental Structure* (pp. 257–287). Amsterdam/Philadelphia, PA: John Benjamins Associates.
- Crasborn, O., van der Hulst, H., & van der Kooij, E. (2001). SignPhon: A phonological database for sign language. *Sign Language and Linguistics*, **4**(1/2), 215–228.
- Crasborn, O., Sloetjes, H., Auer, E. & Wittenburg, P. (2006). Combining video and numeric data in the analysis of sign language with the ELAN annotation software. In E. Vettori (ed.), *Proceedings of the Second Workshop on the Representation and Processing of Sign Languages: Lexicographic Matters and Didactic Scenarios* (pp. 82–87). Paris: European Language Resources Association (ELRA).
- Crasborn, O., van der Kooij, E., Waters, D., Woll, B. & Mesch, J. (2008). Frequency distribution and spreading behavior of different types of mouth actions in three sign languages. *Sign Language and Linguistics*, **11**(1): 45–67.
- Crowley, T. (1992). *An Introduction to Historical Linguistics*. Oxford: Oxford University Press.
- Crystal, D. (1987). *Child Language, Learning and Linguistics: An Overview for the Teaching and Therapeutic Professions*. London: Edward Arnold.
- (1995). *The Cambridge Encyclopedia of the English Language*. Cambridge: Cambridge University Press.
- Croneberg, C. (1965a). Appendix C: The linguistic community. In W. Stokoe, D. Casterline & C. Croneberg, *The Dictionary of American Sign Language on Linguistic Principles* (pp. 297–311). Silver Spring, MD: Linstok Press. Repr. 1976.
- (1965b). Appendix D: Sign Language dialects. In W. Stokoe, D. Casterline & C. Croneberg, *The Dictionary of American Sign Language on Linguistic Principles* (pp. 313–319). Silver Spring, MD: Linstok Press. Repr. 1976.
- Cutkosky, M. R. (1989). On grasp choice, grasp models, and the design of hands for manufacturing tasks. *IEEE Transactions on Robotics and Automation*, **5**(3), 269–279.
- Cuxac, C. (2000). *La Langue des Signes Française: Les voies de l'icongicité*. Paris: éditions Ophrys.
- Czajkowska-Kisil, M. (2005). Dwujęzyczność w nauczaniu głuchych. *Nauczyciel w Świecie Cizy*, **7**, 3–9.
- Dachkovsky, S. (2008). Facial expression as intonation in Israeli Sign Language: The case of neutral and counterfactual conditionals. In J. Quer (ed.), *Signs of the Time: Selected Papers from TISLR, 2004* (pp. 61–82). Hamburg: Signum.
- Dahl, Ö. & Velupillai, V. (2008). Perfective/Imperfective aspect. In M. Haspelmath, M. S. Dryer, D. Gil & B. Comrie (eds.), *The World Atlas of Language Structures*, Ch. 65. Munich: Max Planck Digital Library. Available at <http://wals.info/feature/65>.
- Dänzer, P., Hemmi, P. & de Marco, E. (1997). *Dance of Hands: The Renaissance of the Sign Language of the Deaf in Europe*. Zürich: Etoile Productions.
- Deaf Society of New South Wales. (1989). *Operation Knock Knock: A Profile of the Deaf Community of New South Wales*. Parramatta, NSW: Deaf Society of New South Wales.
- De Jorio, A. (1832/2000). *La mimica degli antichi investigata nel gestire Napoletano, Napoli: Fibreno 1832*. Repr. Sala Bolognese: Arnaldo Forni, 1979. [Trans. *Gesture in Naples and Gesture in Classical Antiquity*, by Adam Kendon. Bloomington, IN: Indiana University Press, 2000]

- DeGraff, M. (1999). *Language Creation and Language Change*. Cambridge, MA: MIT Press.
- DeMatteo, A. (1977). Visual imagery and visual analogues in American Sign Language. In L. Friedman (ed.), *On the Other Hand* (pp. 109–136). New York: Academic Press.
- DeSantis, S. (1977). Elbow to Hand Shift in French and American Sign Languages. Paper presented at the Conference on New Ways of Analyzing Variation, Georgetown University, Washington, DC.
- Det Danske Bibelselskab (2004). *Bibelske og liturgiske tekster på dansk tegnsprog*. DVD. København, Denmark: Det Danske Bibelselskab.
- Deuchar, M. (1981). Variation in British Sign Language. In B. Woll, J. G. Kyle & M. Deuchar (eds.), *Perspectives on British Sign Language and Deafness* (pp. 109–119). London: Croom Helm.
- (1983). Is BSL an SVO language? In J. Kyle & B. Woll (eds.), *Language in Sign* (pp. 69–76). London: Croom Helm.
- (1984). *British Sign Language*. London: Routledge.
- Deverson, T. (1991). New Zealand lexis: The Maori dimension. *English Today*, **26**, 18–25.
- Di Renzo, A. (2006). Le produzioni narrative in LIS di bambini e ragazzi sordi. Thesis, Università degli studi di Roma “La Sapienza,” Roma.
- Diccionario Español-Lengua de Señas Mexicana (DIELSEME)*. (Dirección de Educación Especial en el Distrito Federal. 2004). México DF: SEP/Subsecretaría de Servicios Educativos para el Distrito Federal.
- Diessel, H. (1999). *Demonstratives: Form, Function & Grammaticalization: Typology Studies in Language*. Amsterdam: John Benjamins Associates.
- Dively, V. (2001). Sign without hands: Nonhanded signs in American Sign Language. In V. Dively, M. Metzger, S. Taub & A. M. Baer (eds.), *Sign Languages: Discoveries from International Research* (pp. 62–73). Washington, DC: Gallaudet University Press.
- División de Educación. Benemérito comité Pro Ciegosity Sordos de Guatemala (2006). Available at www.prociegositysordos.org.gt/educacion.htm.
- Dresher, B. E. (2003). Contrasts and asymmetries in inventories. In A. M. DiSciullo (ed.), *Asymmetry in Grammar*, Vol. III: *Morphology, Phonology, Acquisition* (pp. 239–257). Amsterdam: John Benjamins Associates.
- Duffy, Q. (2007). *The ASL Perfect Formed by Preverbal FINISH*. American Sign Language Linguistic Research Project No. 14, Boston University.
- Dugdale, P. O. (2000). Being Deaf in New Zealand: A case study of the Wellington Deaf community. PhD dissertation: Victoria University of Wellington.
- Duncan, S. (2002). Gesture, verb aspect, and the nature of iconic imagery in natural discourse. *Gesture*, **2**(2), 183–206.
- Eccarius, P. (2002). Finding common ground: A comparison of handshape across multiple sign languages. Master's thesis, Purdue University, West Lafayette, IN.
- Eccarius, P. (2008). A constraint-based account of handshape contrast in sign languages. PhD dissertation, Purdue University, West Lafayette, IN.
- Eccarius, P. & Brentari, D. (2007). Symmetry and dominance: A cross-linguistic study of signs and classifier construction. *Lingua*, **117**, 1169–1201.
- Edinburgh & East of Scotland Society for the Deaf. (1985). *Seeing the Signs in Scotland*. Edinburgh: Edinburgh & East of Scotland, Society for the Deaf.
- Eckman, P., Friesen, W. V. & Hager, J. C. (2002). *The Facial Action Coding System*. Salt Lake City, UT: Research Nexus eBook.
- Elton, F. & Squelch, L. (2008). *British Sign Language: London and South East Regional Signs*. London: Lexisigns.
- Emmerik, W., Meyer, G., Hiddinga, A. & Pot, L. (1993). *Poëzie in gebarentaal*. Amsterdam: Nijghand van Ditma.

- Emmerik, W., Meyer, G., Hiddinga, A. & Pot, L. (2005). *Bewogen: Filmgedichten in Gebarentaal*. The Netherlands: Stichting Geelprodukt.
- Emmorey, K. (1991). Repetition priming with aspect and agreement morphology in American Sign Language. *Journal of Psycholinguistics Research*, **20**, 365–388.
- (1999a). Do signers gesture? In L. S. Messing & R. Campbell (eds.), *Gesture, Speech and Sign* (pp. 133–159). Oxford: Oxford University Press.
- (1999b). The confluence of space and language in signed languages. In P. Bloom, M. A. Peterson, L. Nodel & M. F. Garrett (eds.), *Language and Space* (pp. 171–209). Cambridge, MA: MIT Press.
- (2002). *Language, Cognition and the Brain: Insights from Sign Language Research*. Mahwah, NJ: Lawrence Erlbaum Associates.
- (2003). *Perspectives on Classifier Constructions in Sign Languages*. Mahwah, NJ: Lawrence Erlbaum Associates.
- Emmorey, K. & Corina, D. (1990). Lexical recognition in sign language: Effects of phonetic structure and morphology. *Perceptual and Motor Skills*, **71**, 1227–1252.
- Emmorey, K. & Herzig, M. (2003). Categorical vs. gradient properties in classifier constructions in ASL. In K. Emmorey (ed.), *Perspectives on Classifier Constructions in Sign Languages* (pp. 221–246). Mahwah, NJ: Lawrence Erlbaum Associates.
- Engberg-Pedersen, E. (1993). *Space in Danish Sign Language: The Semantics and Morphosyntax of the Use of Space in a Visual Language*. Hamburg: Signum.
- (1994). Some simultaneous constructions in Danish Sign Language. In M. Brennan & G. H. Turner (eds.), *Word-order Issues in Sign Language* (pp. 73–87). Durham: International Sign Linguistics Association.
- (1996). Iconicity and arbitrariness. In E. Engberg-Pedersen, M. Fortescue, P. Harder, L. Heltoft & L. Falster Jakobsen (eds.), *Content, Expression and Structure: Studies in Danish Functional Grammar* (pp. 453–468). Amsterdam: John Benjamins Associates.
- (2003). How composite is a fall? Adults' and childrens' descriptions of different types of falls in Danish Sign Language. In K. Emmorey (ed.), *Perspectives on Classifier Constructions in Sign Languages* (pp. 311–332). Mahwah, NJ: Lawrence Erlbaum Associates.
- (2007). Internal structure: Backgrounding in classifier constructions. Paper presented at the Economic and Social Research Council (ESRC) Workshop on Sign vs. Gesture, Rome.
- Engberg-Pedersen, E. & Pedersen, A. (1983). Proforms in Danish Sign Language: Their use in figurative signing. In W. Stokoe & V. Volterra (eds.), *Proceedings of the III International Symposium on Sign Language Research, Rome 1983* (pp. 202–209). Silver Spring, MD: Linstok Press & Roma: Istituto di Psicologia CNR.
- Falk, Y. (2006). *Subjects and Universal Grammar*. Cambridge/New York: Cambridge University Press.
- Faurot, K., Dellinger, D., Eatough, A. & Parkhurst, S. (1999). The identity of Mexican sign as a language. Unpublished manuscript. Summer Institute of Linguistics.
- Feige, H.-U. (2006). *Denn taube Personen folgen ihren tierischen Trieben ...* Leipzig: Gutenberg Verlag.
- Feige, H.-U., Muhs, J., Vogel, H., Winkler, J. & Wolff, S. (2001). Leipziger Gespräche II "Wir machen Geschichte!" Deaf History im neuen Jahrtausend. *Das Zeichen*, **15**(56), 316–322.
- Felipe, T. (1989). *A estrutura frasal na LSCB*. IV Encontro Nacional da ANPOLL: Recife.
- Ferreira-Brito, L. (1995). *Por Uma Gramática das Línguas de Sinais*. Rio de Janeiro: Tempo Brasileiro.
- Fillmore, C. (1968). The case for case. In E. Bach & R. Harms (eds.), *Universals in Linguistic Theory* (pp. 1–90). New York: Holt, Rinehart & Winston.
- Fischer, J. L. (1958). Social influences on the choice of a linguistic variant. *Word*, **14**, 47–56.

- Fischer, R. & Vollhaber, T. (1996). *Collage: Works on International Deaf History*. Hamburg: Signum.
- Fischer, R., Wempe, K., Lamprecht, S. & Seeberger, I. (1995). John E. Pacher (1842–1898) – ein “Taubstummer” aus Hamburg. (Teil I und II). *Das Zeichen*, 9(32)/9(33), 122–133/412–421.
- Fischer, S. (1974). Sign language and linguistic universals. In T. Rohrer, & N. Ruwet (eds.), *Actes de Colloque Franco-Allemand de Grammaire Transformationelle* (pp. 187–204). Tübingen: Niemeyer.
- (1975). Influences on word order change in American Sign Language. In C. N. Li (ed.), *Word Order and Word Order Change* (pp. 1–25). Austin, TX: University of Texas Press.
- (1978). Sign language and creoles. In P. Siple (ed.), *Understanding Language Through Sign Language Research: Perspectives in Neurolinguistics and Psycholinguistics* (pp. 309–331). New York/San Francisco, CA/London: Academic Press.
- (1996). The role of agreement and auxiliaries in sign languages. *Lingua*, 98, 103–120.
- (2006). Questions and negation in American Sign Language. In U. Zeshan (ed.), *Interrogative and Negative Constructions in Sign Language*: (pp. 165–197). Nijmegen: Ishara Press. (Sign Language Typology Series No. 1).
- Fischer, S. (in preparation). Verb agreement in the Japanese sign language family. University of California, San Diego.
- Fischer, S. & Gough, B. (1978). Verbs in American Sign Language. *Sign Language Studies*, 7(18), 17–48.
- (1999). Some Unfinished Thoughts on FINISH. *Sign Language and Linguistics*, 2, 67–77.
- Fischer, S. & Osugi, Y. (1998). Feature movement in Wh-questions: Evidence from sign languages. Paper presented at the Sixth Theoretical Issues in Sign Language Research Conference (TISLR 6), Washington, DC.
- (2000). Thumbs up vs. giving the finger: Indexical classifiers in in NS and ASL. Paper presented at the Seventh Conference on Theoretical Issues in Sign Language Research (TISLR 7), Amsterdam,.
- Fishman, J. A. (1991). *Reversing Language Shift: Theoretical and Empirical Foundations of Assistance to Threatened Languages*. Clevedon, UK: Multilingual Matters.
- Fitzgerald, S. (1999). *Open Minds, Open Hearts: Stories of the Australian Catholic Deaf Community*. Lidcombe, NSW: CCOB.
- Fletcher, T., Dejud, C., Klingler, C. & Lopez Mariscal, I. (2003). The changing paradigm of special education in Mexico: Voices from the field. *Bilingual Research Journal*, 27(3), 409–430.
- Flood, C. M. (2002). *How do deaf and hard of hearing students experience learning how to write using signwriting, a way to read and write signs?* PhD dissertation, University of New Mexico. Available from University Microfilms, Ann Arbor, MI.
- Flores-Ferrán, N. (2007). A bend in the road: Subject personal pronoun expression in Spanish after thirty years of sociolinguistic research. *Language and Linguistics Compass*, 1, 624–652.
- Flynn, J. W. (1984). *No Longer By Gaslight*. Melbourne: Adult Deaf Society of Victoria.
- Fodor, J. (1970). Three reasons for not deriving “kill” from “cause to die.” *Linguistic Inquiry*, 1, 429–438.
- Folchi, A. & Mereghetti, E. (1995). Tre educatori sordi italiani. In G. P. Li Destri & V. Volterra (eds.), *Passato e presente: Uno sguardo sull'educazione dei sordi in Italia* (pp. 61–75). Napoli: Gnocchi.
- Fónagy, I. (1983). Preconceptual thinking in language (An essay in paleontology). In E. D. Grolier, A. Lock, C. R. Peters & J. Wind (eds.), *Glossogenetics: The Origin and Evolution of Language* (pp. 329–353). London: Harwood Academic.

- Forman, W. (2003). The ABCs of New Zealand Sign Language: Aerial spelling. *Journal of Deaf Studies and Deaf Education*, 8(1), 92–96.
- Fortgens, C. & Knoors, H. (1994). Distinguishing between Sign Language of the Netherlands and Sign-Supported Dutch. In B. Van den Bogaerde, H. Knoors, & M. Verrips (eds.), *Language Acquisition with Non-Native Input* (pp. 93–117). Amsterdam: University of Amsterdam. (Amsterdam Series in Child Language Development, 2)
- Fortgens, C. (2003). Taalkeuze van dove kinderen [Language choice of deaf children]. PhD dissertation, University of Amsterdam. Gouda: Koninklijke Auris groep.
- Foster, A. (1975). The social aspect of deafness: School years. Paper presented at the Seventh World Congress of the Deaf, Washington, DC.
- Foucault, M. (2001). Les mailles du pouvoir. In D. Defert & F. Ewald (eds.), *Dits et écrits II, 1976–1988* (pp. 1001–1020). Paris: Gallimard.
- Franchi, M. L. (1987/2004). Componenti non manuali. In V. Volterra (ed.), *La Lingua Italiana dei Segni: La Comunicazione visivo, Gestuale dei Sordi*. 2nd edn (pp. 159–177). Bologna: Il Mulino.
- Frege, G. (1879). *Begriffsschrift: Eine der Arithmetischen nachgebildete Formelsprache des reinen Denkens*. Halle: Verlag von Louis Nebert.
- Fridman-Mintz, B. (2005). Tense and aspect inflections in Mexican Sign Language verbs. PhD dissertation, Georgetown University, Washington, DC.
- Friedman, L. A. (1976). The manifestation of subject, object and topic in ASL. In C. N. Li (ed.), *Subject and Topic* (pp. 127–148). New York: Academic Press.
- (1977). *On the Other Hand: New Perspectives on American Sign Language*. New York: Academic Press.
- Frishberg, N. (1975). Arbitrariness and iconicity: Historical change in American Sign Language. *Language*, 51, 696–719.
- (1987). Ghanaian Sign Language. In J. van Cleve (ed.), *Gallaudet Encyclopedia of Deaf People and Deafness*, Vol. III, (pp. 778–779). New York: McGraw-Hill.
- Frishberg, N. & Gough, B. (2000). Morphology in American Sign Language. *Sign Language and Linguistics*, 3(1), 103–131.
- Fromkin, V. & Rodman, R. (1998). *An Introduction of Language*. 6th edn. Orlando, FL: Harcourt Brace College.
- Fu, Y. & Mei, C. (1986). *Longren Shouyu Gailun*. Shanghai: Xuelin.
- Fuchs, B. (2004). *Phonetische Aspekte einer Didaktik der Finnischen Gebärdensprache als Fremdsprache*. Jyväskylä, Finland. (Studies in Humanities, Vol. 21)
- Fudge, E. (1969). Syllables. *Journal of Linguistics*, 5, 253–287.
- Fusellier-Souza, I. (2006). Emergence and development of signed languages: From a semiogenetic point of view. *Sign Language Studies*, 7(1), 30–56.
- Galkowski, T., Kunicka-Kaiser, I. & Smoleńska, J. (1976). *Psychologia Dziecka Głuchego*. Warsaw: PIPS.
- Gambian Association of the Deaf and Hard of Hearing (2002). *Gambian Sign Language*. Available at www.gadhoh.com/history.htm.
- García, N. (1994). The art and culture of the Deaf. In C. J. Ertling, R. C. Johnson, D. L. Smith & B. D. Snider (eds.), *The Deaf Way: Perspectives from the International Conference on Deaf Culture* (pp. 128–130). Washington, DC: Gallaudet University Press.
- Gascón Ricao, A. & Storch de Gracia y Asensio, J. G. (2004). *Historia de la Educación de los Sordos en España y su Influencia en Europa y América*. Madrid: Editorial Universitaria Ramón Areces.
- Gasser, M. (2004). The origins of arbitrariness in language. In K. Forbus, D. Gentner & T. Reiger (eds.), *Proceedings of the Cognitive Science Society Conference* (pp. 434–439). Hillsdale, NJ: Lawrence Erlbaum Associates.

- Gasser, M., Sethuraman, N. & Hockema, S. (2005). Iconicity in expressives: An empirical investigation. In S. Rice & J. Newman (eds.), *Experimental and Empirical Methods in Cognitive Functional Research* (pp. 1–18). Stanford, CA: Center for the Study of Language and Information (CSLI) Publications.
- Gebhard, M. (2007). *Hören lernen – hörbehindert bleiben: Die Geschichte der Gehörlosen- und Schwerhörigenorganisationen in den letzten 200 Jahren*. Baden: hier + jetzt, Verlag für Kultur und Geschichte.
- Geraci, C. (2006). Negation in LIS (Italian Sign Language). In L. Bateman & C. Ussey (eds.), *Proceedings of the Thirty-Fifth Annual Meeting of the North East Linguistic Society* (pp. 217–230). Amherst, MA: GLSA (Graduate Linguistic Student Association), University of Massachusetts.
- Gerner de Garcia B. (1995). Communication and language use of Spanish-speaking families with Deaf children. In C. Lucas (ed.), *Sociolinguistics in Deaf Communities* (pp. 221–252). Washington, DC: Gallaudet University Press.
- Ghanaian Sign Language. (-2001) *Ghanaian National Association of the Deaf*. Accra: Accra Catholic Press.
- Gillian, R. & Easterbrook, S. (1997). Educating children who are deaf or hard of hearing: Residential life, ASL & Deaf culture. Available at www.ericdigests.org/1998-2/life.htm.
- Giuranna, R. & Giuranna, G. (2000). Poesia in LIS: Iconicità e arbitrarietà, concreto e astratto. In C. Bagnara, G. Chiappini & M. P. Conte (eds.), *Viaggio Nella Città Invisibile* (pp. 341–348). Del Cerro: Pisa.
- (2003). *Sette poesie in lingua dei segni italiana (LIS)*. CD-Rom. Pisa: Gdzioni del Cerro.
- Givón, T. (1984). *Syntax: A Functional-Typological Introduction*, Vol. I. Amsterdam: John Benjamins Associates.
- Givón, T. (1991). Isomorphism in the grammatical code: Cognitive and biological considerations. *Studies in Language*, **15**, 85–114.
- Goeke, A. (2006). Variation in American Sign Language: Articulator deletion in two-handed signs. Unpublished Master's thesis.
- Goldin-Meadow, S. (1982). The resilience of recursion: A study of a communication system developed without a conventional language model. In E. Wanner & L. R. Gleitman (eds.), *Language Acquisition: The State of the Art* (pp. 51–77). Cambridge/New York: Cambridge University Press.
- (2003a). *Hearing Gesture: How Our Hands Help Us Think*. Cambridge, MA: Harvard University Press.
- (2003b). *The Resilience of Language: What Gesture Creation in Deaf Children Can Tell Us About How All Children Learn Language*. New York: Psychology Press.
- (2008). Gesture, speech, and language. Paper presented at the Annual Meeting of the Linguistic Society of America, Chicago, IL.
- Goldin-Meadow, S. & Mylander, C. (1984). *Gestural Communication in Deaf Children: The Effects and Noneffects of Parental Input on Early Language Development*. Monographs of the Society for Research in Child Development, vol. 49. Boston, MA: Blackwell.
- Goldsmith, J. (1976). Autosegmental phonology. PhD dissertation, MIT, Cambridge, MA. [Published New York: Garland Press, 1979].
- (1995). Introduction: Phonotactics, alternations, contrasts; Representations, rules, levels. In J. Goldsmith (ed.), *Handbook of Phonological Theory* (pp. 1–23). Oxford/Cambridge, MA: Blackwell.
- Gombrich, E. H. (1966). Ritualized gesture and expression in art. *Philosophical Transactions of the Royal Society of London*. Series B, **251**, 393–401.
- Gong, Q. (2005a). Shouyu wenti jianghua. In Y. Shen, A. Wu, & C. Chu (eds.), *Shuangyu Longjiaoyu de Lilun yu Shijian* (pp. 39–60). Beijing: Huaxia.

- (2005b). Zhongguo longren yuyan ji yuyan jiaoyu wenti. In Y. Shen, A. Wu & C. Chu (eds.), *Shuangyu Longjiaoyu de Lilun yu Shijian* (pp. 61–90). Beijing: Huaxia.
- Gordon, R. (2005). *Ethnologue: Languages of the World*, Summer Institute of Linguistics. Available at www.ethnologue.com/.
- Gras Ferrer, V. (2006). La comunidad sorda como comunidad lingüística: Panorama sociolingüístico de la/s lengua/s de signos en España. PhD dissertation, Universitat de Barcelona.
- Green, F. (1783). *Vox oculis subjecta*. London: Benjamin White Publishers.
- Green, L. (2004). Research on African American English since 1998. *Journal of English Linguistics*, **32**, 210–229.
- Greenberg, J. (1957). *Essays in Linguistics*. Chicago, IL: Chicago University Press.
- (1966). *Universals of Language*. Cambridge, MA: MIT Press.
- Greftegreff, I. (1993). A few notes on anatomy and distinctive features in NTS handshapes. *University of Trondheim, Working Papers in Linguistics*, **17**, 48–68. Dragvoll, Norway.
- Grenoble, L. A. & Whaley, L. J. (2008). *Saving Languages: An Introduction to Language Revitalization*. Cambridge: Cambridge University Press.
- Grimshaw, J. (1990). *Argument Structure*. Cambridge, MA: MIT Press.
- Groce, N. E. (1985). *Everyone Here Spoke Sign Language: Hereditary Deafness on Martha's Vineyard*. Cambridge, MA: Harvard University Press.
- Grose, D. (2008). The geometry of events: Evidence from English and ASL. PhD dissertation, Purdue University, West Lafayette, IN.
- Grose, D., Wilbur, R. B. & Schalber, K. (2007). Events and telicity in classifier predicates: A reanalysis of body part classifier predicates in ASL. *Lingua*, **17**, 1258–1284.
- Grosjean, F. (1998). Living with two languages and two cultures. In I. Parassini (ed.), *Cultural and Language Diversity and the Deaf Experience* (pp. 20–37). Cambridge: Cambridge University Press.
- Grzegorzewska, M. 1964. *Pedagogika specjalna*. Warszawa: PIPS. Warsaw: PIPS
- Guerra Currie, A.-M. (1999). A Mexican Sign Language lexicon: Internal and cross-linguistic similarities and variations. PhD dissertation, University of Texas, Austin.
- Guerra Currie, A.-M. P., Meier, R. P. & Walters, K. (2002). A crosslinguistic examination of the lexicons of four signed languages. In R. P. Meier, K. A. Cormier & D. Quinto-Pozos (eds.), *Modality and Structure in Signed and Spoken Languages* (pp. 224–236). Cambridge: Cambridge University Press.
- Gugenheim, L. (1993). Ethnic variation in ASL: The signing of African Americans and how it is influenced by conversational topic. In E. Winston (ed.), *Communication Forum* (pp. 51–76). Washington, DC: Gallaudet University Department of Linguistics and Interpreting.
- Günther, K.-B. (2004). Der Hamburger Bilinguale Schulversuch – Ergebnisse, Perspektiven und offene Fragen. *Hörgeschädigte Kinder*, **41**(2), 78–91.
- Guy, G. R. (1980). Variation in the group and in the individual: The case of final stop deletion. In W. Labov (ed.), *Locating Language in Time and Space* (pp. 1–36). New York: Academic Press.
- Hagège, C. (1993). *The Language Builder: An Essay on the Human Signature in Linguistic Morphogenesis*. Amsterdam: John Benjamins Associates.
- Hagman, R. (1977). *Nama Hottentot Grammar*. Language Science Monographs, No. 15. Bloomington, IN: Indiana University Publications.
- Haiman, J. (1978). Conditionals are topics. *Language*, **54**, 564–589.
- (1983). Iconic and economic motivation. *Language*, **59**, 781–819.
- (1985). *Iconicity in Syntax*. Amsterdam: John Benjamins Associates.
- (1994). *Ritualization and the Development of Language*. Amsterdam: John Benjamins Associates.

- (1998). *Talk is Cheap: Sarcasm, Alienation, and the Evolution of Language*. Oxford: Oxford University Press.
- Hairston, E. & Smith, L. (1983). *Black and Deaf in America: Are We That Different?* Silver Spring, MD: T. J. Publishers.
- Hale, K. & Keyser, S. J. (1993). On argument structure and the lexical expression of syntactic relations. In K. Hale & S. J. Keyser (eds.), *The View from Building 20: Essays in Honor of Sylvain Bromberger* (pp. 53–109). Cambridge, MA: MIT Press.
- Hale, K. & Keyser, S. J. (2001). *Prolegomenon to a Theory of Argument Structure*. Cambridge, MA: MIT Press.
- Hallahan, D. (1998). International perspectives on special education reform. *European Journal of Special Needs Education*, **13**, 123–127.
- Halle, M. & Marantz, A. (1993). Distributed morphology and the pieces of inflection. In K. Hale & S. J. Keyser (eds.), *The View from Building 20* (pp. 111–176). Cambridge, MA: MIT Press.
- (1994). Some key features of distributed morphology. In A. Carnie & H. Harley (eds.), *MIT Working Papers in Linguistics 21: Papers on Phonology and Morphology* (pp. 275–288). Cambridge, MA: MIT Press.
- Hamano, S. (1998). *The Sound Symbolic System in Japanese*. Stanford, CA: Center for the Study of Language and Information (CSLI) Publications.
- Hamzah, M. & Taffal, N. (1993). *Lughah al-ishara al-Urduniyah al-Arabiyyah*. Amman, Jordan: Specialized Audiology Center.
- Hänel, B. (2005). The acquisition of agreement in DGS: Early steps into a spatially expressed syntax. In H. Leuninger & D. Happ (eds.), *Linguistische Berichte (Gebardensprachen: Struktur, Erwerb, Verwendung)*, Special Issue **13** (pp. 201–232).
- Harder, R. (2003). Meervoud in de NGT. Manuscript, Nederlands Gebarententrum.
- Harder, R. & Schermer, G. M. (1986). A first analysis of handshapes in the Sign Language of the Netherlands. In B. T. Tervoort (ed.), *Proceedings of the Second European Congress on Sign Language Research, Amsterdam July 14–18, 1985* (pp. 47–51). Amsterdam: University of Amsterdam.
- Harris, J. (1983). *Syllable Structure and Stress in Spanish*. Cambridge, MA: MIT Press.
- Harris, Z. (1951). *Methods in Structural Linguistics*. Chicago, IL: University of Chicago Press.
- Hawayek, A. & Cappelli, G. (2004). Identificación y recuperación del sujeto nulo: evidencia de una lengua signada (LSM). In I. Barreras Aguilar, & M. Castro Llaamas (eds.), *Memorias del VII Encuentro Internacional de Lingüística en el Noroeste* (pp. 411–430). Hermosillo: Universidad de Sonora.
- Hazen, K. (2007). The study of variation in historical perspective. In R. Bayley & C. Lucas (eds.), *Sociolinguistic Variation: Theories, Methods, and Applications* (pp. 70–89). Cambridge: Cambridge University Press.
- Heim, I. (1997). Tense in compositional semantics: introduction. Hand-out for the MIT seminar on Tense, Aspect and Events.
- Heine, B., Claudi, U. & Hünnemeyer, F. (1991a). *From Cognition to Grammar: Evidence from African Languages*, Vol. I. Amsterdam: John Benjamins Associates.
- (1991b). *Grammaticalization: A Conceptual Framework*. Chicago, IL: University of Chicago Press.
- Hendriks, B. (2004). *An Introduction to the Grammar of Jordanian Sign Language*. Salt, Jordan: Al-Balqa University.
- Hendzel, J. K. (1986). *Słownik Polskiego Języka Miganego*. Olsztyn: Wydawnictwo “Pojezierze.”
- Hepp, I. & Nager, F. (1926). *Die Taubstummheit im Kanton Zürich*. Zürich: [No publisher listed].
- Herbst, J. M. (1987). South African Sign Language. In J. van Cleve (ed.), *Gallaudet Encyclopedia of Deaf People and Deafness* (pp. 106–108). New York: McGraw-Hill.

- Higgins, D. D. (1923). *How to Talk to the Deaf*. St. Louis, MO: Catholic Church at 1118 N. Grand Blvd.
- Hintermair, M. (2007). *Psychosoziales Wohlbefinden hörgeschädigter Menschen*. Hamburg: Signum.
- Hirn, D. F. (1910). *De dövstummas åtbördsspråk i Finland – Kuuromykkäin viittomakieli Suomessa, I*. Helsingfors: Finlands Dövstumförbunds Förlag.
- History of Deaf Education in America. (American School for the Deaf, n.d.).
- Hockett, C. F. (1954). Two models of grammatical description. *Word*, **10**, 210–231.
- (1960). The origin of speech. *Scientific American*, **203**, 89–96.
- (1966). The problem of universals in language. In J. Greenberg (ed.), *Universals of Language* (pp. 1–29). Cambridge, MA: MIT Press.
- Hoffman, B. (1979). *Rewalidacja niesłyszących: Podstawy Postępowania pedagogicznego*. Warsaw: PWN.
- Hoffmeister, R. J. (1978). The development of demonstrative pronouns, locatives, and personal pronouns in the acquisition of ASL by deaf children of deaf parents. PhD dissertation, University of Minnesota, Minneapolis.
- Hohenberger, A. & Happ, D. (2001). The linguistic primacy of signs and mouth gestures over mouthings: Evidence from language production in German Sign Language (DGS). In P. Boyes Braem & R. Sutton-Spence (eds.), *The Hands Are the Head of the Mouth: The Mouth as Articulator in Sign Languages* (pp. 153–190). Hamburg: Signum.
- Hoiting, N. & Slobin, D. I. (2001). Typological and modality constraints on borrowing: Examples from the Sign Language of the Netherlands. In D. Brentari (ed.), *Foreign Vocabulary in Sign Languages: A Cross-Linguistic Investigation of Word Formation* (pp. 121–137). Mahwah, NJ: Lawrence Erlbaum Associates.
- Hoiting, N. & Slobin, D. I. (2002). Transcription as a tool for understanding: The Berkeley Transcription System for sign language research (BTS). In G. Morgan & B. Woll (eds.), *Directions in Sign Language Acquisition* (pp. 55–75). Amsterdam: John Benjamins Associates. (Trends in Language Acquisition Research; vol. 2)
- Holdsworth, W. & Aldridge, W. (1766). Natural short-hand, wherein the nature of speech and the manner of pronunciation are briefly explained. London: Self-published.
- Hollak, J. & Jagodziński, T. (1879). *Słownik Mimiczny dla Gluchoniemych i Osób z Nimi Styczność Mających*. Warsaw: Nasza Księgarnia.
- Holm, A., Gudman, S., Rasmussen, J. W. & Vestberg Rasmussen, P. (1983). *Døveundervisning i Danmark 1807–1982: Med et Tillegg om Voksne Døve*. København: Døveforsorgens Historiske Selskab.
- Holy Land Institute for the Deaf. (2004). *Holy Land Institute for the Deaf – Salt, Jordan [Brochure]*. Salt, Jordan.
- Honduran Deaf Projects. (n.d.). Logos International Ministry Association. Pamphlet.
- Hong, S. (2006). Agreement verbs in Korean Sign Language (KSL). Paper presented at the Ninth conference on Theoretical Issues in Sign Language Research (TISLR 9), Florianópolis, Brazil.
- Hong, S. (2008). Eine empirische Untersuchung zu Kongruenzverben in der Koreanischen Gebärdensprache. PhD dissertation, Universität Hamburg.
- Hoopes, R. (1998). A preliminary examination of pinky extension: Suggestions regarding its occurrence, constraints, and function. In C. Lucas (ed.), *Pinky Extension and Eye Gaze: Language Use in Deaf Communities* (pp. 3–17). Washington, DC: Gallaudet University Press.
- Hopper, P. J. (1991). On some principles of grammaticalization. In E. C. Traugott & B. Heine (ed.), *Approaches to Grammaticalization*, Vol. I (pp. 17–36). Amsterdam/Philadelphia: John Benjamins Associates.

- Hopper, P. J. & Traugott, E. C. (1993). *Grammaticalization*. Cambridge/ New York: Cambridge University Press.
- Houston, A. (1991). A grammatical continuum for (ING). In P. Trudgill & J. K. Chambers (eds.), *Dialects of English: Studies in Grammatical Variation* (pp. 241–257). London: Longman.
- Hoyer, K. (2004). The sociolinguistic situation of Finland-Swedish deaf people and their language, Finland-Swedish Sign Language. In M. Van Herreweghe & M. Vermeerbergen (eds.), *To the Lexicon and Beyond: Sociolinguistics in European Deaf Communities* (pp. 3–23). Washington, DC: Gallaudet University Press.
- (2005). Vi kallade dem Borgåtecken: Det Finlandssvenska Teckenspråket i Går och i Dag. In J. Östman (ed.), *FinSSL: Finlandssvenskt Teckenspråk* (pp. 21–77). Helsingfors, Finland: Institutionen för nordiska språk och nordisk litteratur, Helsingfors universitet.
- Hoyer, K., Londen, M. & Östman, J. (2006). *Teckenspråk: Sociala och Historiska Perspektiv. Nordica*. Helsingfors, Finland: Institutionen för nordiska språk och nordisk litteratur, Helsingfors universitet.
- Huang, C.-T. J. (2003). The distribution of negative NPs and some typological correlates. In Y. A. Li & A. Simpson (eds.), *Functional Structure(s), Form and Interpretation* (pp. 262–280). New York/Milton Park, UK: Routledge (Taylor and Francis).
- Hyman, L. (1985). *A Theory of Phonological Weight*. Dordrecht: Foris.
- Iatridou, S., Anagnostopoulou, E. & Izvorski, R. (2001). Observations about the form and meaning of the perfect. In M. Kenstowicz (ed.), *Ken Hale: A Life in Language* (pp. 189–238). Cambridge, MA: MIT Press.
- Itô, J. & Mester, A. (1995a). Japanese Phonology. In J. Goldsmith (ed.), *Handbook of Phonological Theory* (pp. 817–838). Oxford/New York: Blackwell.
- Itô, J. & Mester, A. (1995b). The core-periphery structure of the lexicon and constraints on reranking. In J. Beckman, L. Walsh Dickey & S. Urbanczyk (eds.), *University of Massachusetts Occasional Papers 18: Papers in Optimality Theory* (pp. 181–209). Amherst, MA: GLSA (Graduate Linguistic Students Association), University of Massachusetts.
- Iverson, J. M. & Goldin-Meadow, S. (1998). *The Nature and Functions of Gesture in Children's Communication*. San Francisco: Jossey-Bass Publishers.
- Iyute, D. & Nkwangu, R. (2007). Uganda's second international Deaf awareness week to be commemorated in September 2007. *Uganda National Association of the Deaf Newsletter, July 18th Edition*.
- Jackendoff, R. (1990). *Semantic Structures*. Cambridge, MA: MIT Press.
- (2002). *Foundations of Language: Brain, Meaning, Grammar, Evolution*. Oxford: Oxford University.
- (2007). A parallel architecture perspective on language processing. *Brain Research*, 1146, 2–22.
- (2008). Your theory of language evolution depends on your theory of language. Paper presented at the Annual Meeting of the Linguistic Society of America, Chicago, IL.
- Jackson, P. W. (2001). *A Pictorial History of Deaf Britain*. Winsford, UK: Deafprint.
- Jacobucci, G. (1997). Strategie di normalizzazione. Il bambino sordo nella scuola dell'obbligo. In A. Zucalà (ed.) *Cultura del gesto e cultura della parola. Viaggio antropologico nel mondo dei sordi* (pp. 90–106). Meltemi: Milano.
- Jakobson, R. (1941). *Kindersprache, aphasie, and allgemeine lautgesetze*. Repr. 1968 as *Child Language, Aphasia and Phonological Universals*. The Hague: Mouton de Gruyter.
- Jakobson, R. (1971 [1957]). Shifters, verbal categories, and the Russian verb. In *Roman Jakobson: selected Writings*. Vol. II: *Word and Language* (pp. 130–147). The Hague: Mouton de Gruyter.
- Jakobson, R. (1971). Quest for the essence of language. In *Roman Jakobson: Selected Writings*. Vol. II: *Word and Language* (pp. 345–359). The Hague: Mouton de Gruyter.

- Jakobson, R., Fant, G. & Halle, M. (1951). *Preliminaries of Speech Analysis*. Cambridge, MA: MIT Press. Repr. 1961.
- Janis, W. (1995). A crosslinguistic perspective on ASL verb agreement. In K. Emmorey & J. Reilly (eds.), *Language, Gesture, and Space* (pp. 195–223). Hillsdale, NJ: Lawrence Erlbaum Associates.
- Jansma, S., Knoors, H. & Baker, A. (1997). Sign language assessment: A Dutch project, in Deafness and education. *Special Focus Edition: Sign Language in the Education of Deaf Children*, **21**(3), 39–46.
- Jantunen, T. (2003). Viittomien historiallinen muutos ja deikonisaatio suomalaisessa viittomakielessä. [Historical Change and Deiconisation in Finnish Sign Language Signs; with English abstract] *Puhe ja kieli*, **23**, 43–60.
- (2005). Mistä on pienet tavut tehty? Analyysi suomalaisen viittomakielen tavusta prosodisen mallin viitekehityksessä. Licentiate thesis, University of Jyväskylä, Finland.
- (2006). The complexity of lexical movements in FinSL. In M. Suominen, A. Arppe, A. Airola, O. Heinamäki, M. Miestamo, U. Määttä, J. Niemi, K. K. Pitkänen & K. Sinnemäki (eds.), *A Man of Measure: Festschrift in Honour of Fred Karlsson on His 60th Birthday* (pp. 335–344). Turku: The Linguistic Association of Finland. (Special Supplement to SKY Journal of Linguistics; vol. **19**, 2006)
- (2007). Tavu suomalaisessa viittomakielessä. [The Syllable in Finnish Sign Language; with English abstract] *Puhe ja kieli*, **27**, 109–126.
- Janzen, T. (1999). The grammaticalization of topics in American Sign Language. *Studies in Language*, **23**(2), 271–306.
- Janzen, T. & Shaffer, B. (2002). Gesture as the substrate in the process of ASL grammaticalization. In R. Meier, K. Cormier & D. Quinto-Pozos (eds.), *Modality and Structure in Signed and Spoken Languages* (pp. 199–223). Cambridge: Cambridge University Press.
- Jewish Deaf Association. (2003). *Sign Language in Judaism*. London: Jewish Deaf Association.
- Jia, L. & Bayley, R. (2002). Null pronoun variation in Mandarin Chinese. *University of Pennsylvania Working Papers in Linguistics*, **8**(3), 103–116.
- Jirou, G. (2000). *Analyse descriptive du parler gestuel de Mbour (Sénégal)*. Mémoire de maîtrise de Sciences du Langage, Université Paris VIII.
- Johnson, R. E. (1990). Distinctive features for handshapes in American Sign Language. Paper presented at the Fourth Conference on Theoretical Issues in Sign Language Research (TISLR 4), Boston, MA.
- (1991). Sign language, culture & community in a traditional Yucatec Maya village. *Sign Language Studies*, **20**(73), 461–474.
- Johnson, R. E. & Liddell, S. (1984). Structural diversity in the American Sign Language lexicon. In D. Testen, V. Mishra & J. Drogo (eds.), *Papers from the Twentieth Regional Meeting of the Chicago Linguistic Society (CLS 20)* (pp. 173–186). Chicago, IL: Chicago Linguistic Society.
- Johnston, T. (1989). Auslan: The sign language of the Australian deaf community. Doctoral Dissertation, University of Sydney.
- (1998). *Signs of Australia: A New Dictionary of Auslan*. Sydney: North Rocks Press.
- (2001). Nouns and verbs in Australian Sign Language: An open and shut case? *Journal of Deaf Studies and Deaf Education*, **6**, 235–257.
- (2003). BSL, Auslan and NZSL: Three signed languages or one? In A. Baker, B. van den Bogaerde & O. Crasborn (eds.), *Cross-Linguistic Perspectives in Sign Language Research: Selected Papers from Theoretical Issues in Sign Language Research (TISLR)*, 2000 (pp. 47–69). Hamburg: Signum.

- (2004). W(h)ither the deaf community? Population, genetics, and the future of Australian Sign Language. *American Annals of the Deaf*, **148**(5), 358–375.
- Johnston, T. & Schembri, A. (2006). Issues in the creation of a digital archive of a signed language. In L. Barwick & N. Thieberger (eds.), *Sustainable Data from Digital Fieldwork: Proceedings of the Conference Held at the University of Sydney, Australia* (pp. 7–16). Sydney: Sydney University Press.
- (2007). *Australian Sign Language: An Introduction to Sign Language Linguistics*. Cambridge: Cambridge University Press.
- Julien, M. (1991). Gebärdensprach-Theater in den Niederlanden: Eine kurze Geschichte des Handtheaters. *Das Zeichen*, **5**(16), 143–152.
- Julliann Montañez, C. (2003). Génesis de la Comunidad Silente en México. La Escuela Nacional de Sordomudos (1867–1896). PhD dissertation for Licenciatura in History, Universidad Nacional Autónoma de México, Mexico City.
- Juszyk, P. W. (1997). *The Discovery of Spoken Language*. Cambridge, MA: MIT Press.
- Kafando, A. (1990). *Les Mains qui parlent*. Introduction à la Communication manuelle au Burkina-Faso.
- Kamei, N. (2006). The birth of Langue des Signes Franco-Africaine: Creole ASL in West and Central French-speaking Africa. Online conference paper of Languages and Education in Africa Conference (LEA 2006). Oslo: University of Oslo. Available at www.pfi.uio.no/konferanse/LEA_2006/.
- Kamp, H. & Reyle, U. (1993). *From Discourse to Logic*. Dordrecht: Kluwer Academic Publishers.
- Kato, M. A. & Raposo, E. (1994). European and Brazilian Portuguese word order: questions, focus and topic constructions. In C. Parodi, A. C. Quicoli, M. Saltarelli & L. Zubizarreta (eds.), *Aspects of Romance Linguistics: Selected Papers from the Linguistic Symposium on Romance Languages XXIV* (pp. 267–278). Washington, DC: Georgetown University Press.
- Kayne, R. S. (1996). *Lectures of Grammatical Theory*. Technical report, University of Girona, Girona Summer Institute in Linguistics.
- (1998). Overt vs. covert movement. *Syntax*, **1**, 128–191.
- Keep, J. R. (1857). The mode of learning the sign language. In *Convention of American Instructors of the Deaf, Proceedings* (pp. 133–153). Bedford, TX: American Instructors of the Deaf.
- Kegl, J. (1985). Causative marking and the construal of agency in American Sign Language. In W. H. Eilfort, P. D. Kroeber & K. L. Peterson (eds.), *Proceedings from the Twenty-First Regional Meeting of the Chicago Linguistic Society (CLS 21)* (pp. 120–137). Chicago, IL: Chicago Linguistic Society.
- (2002). Language emergence in a language-ready brain: Acquisition. In G. Morgan & B. Woll (eds.), *Directions in Sign Language Acquisition* (pp. 207–254). Amsterdam: John Benjamins Associates.
- Kegl, J. & Iwata, G. (1989). Lenguaje de Signos Nicaragüense: A pidgin sheds light on the “creole?” ASL. In R. Carlson, S. DeLancey, S. Gilden, D. Payne & A. Saxena (eds.), *Fourth Annual Meeting of the Pacific Linguistics Conference* (pp. 266–294). Eugene, OR: University of Oregon, Department of Linguistics.
- Kegl, J., Neidle, C., MacLaughlin, D., Hoza, J. & Bahan, B. (1996). The case for grammar, order and position in ASL: A reply to Bouchard and Dubuisson. *Sign Language Studies*, **90**, 1–23.
- Kegl, J. A., Senghas, A. & Coppola, M. (1999). Creation through contact: Sign language emergence and sign language change in Nicaragua. In M. DeGraff (ed.), *Language Creation and Language Change: Creolization, Diachrony & Development* (pp. 179–237). Cambridge, MA: MIT Press.

- Kelman, C. & Branco, A. (2004). Deaf children in regular classrooms: A sociocultural approach to a Brazilian experience. *American Annals of the Deaf*, **149**(3), 274–280.
- Kendon, A. (2003). Pointing by Hand in “Neapolitan.” In S. Kita (ed.), *Pointing: Where Language, Culture, and Cognition Meet* (pp. 243–268). Mahwah, NJ: Lawrence Erlbaum Associates.
- (2004). *Gesture: Visible Action as Utterance*. Cambridge: Cambridge University Press.
- Kennedy, G., Arnold, R., Dugdale, P., Fahey, S. & Moskovitz, D. (1997). *A Dictionary of New Zealand Sign Language*. Auckland: Auckland University Press with Bridget William Books.
- Kenstowicz, M. (1994). *Phonology in Generative Grammar*. Cambridge, MA: Blackwell.
- Kim, J.-S. (1997). *Syntactic Focus Movement and Ellipsis: A Minimalist Approach*. Storrs, CT: University of Connecticut.
- Kimura, H. & Ichida, Y. (1995). *Hazimete no Syuwa*. Tokyo: Nihonbungeisha.
- Kirejczyk, K. 1967. *Ewolucja systemów kształcenia dzieci głuchych*. Warsaw: Nasza księgarnia.
- Kisch, S. (2000). “Deaf discourse”: The social construction of deafness in a Bedouin community. Master’s thesis, University of Tel Aviv.
- Kisch, S. (2004). Negotiating (genetic) deafness in a Bedouin community. In J. van Cleve (ed.), *Genetics, Disability and Deafness* (pp. 148–173). Washington, DC: Gallaudet University Press.
- Kita, S. (2003). Pointing: A foundational building block of human communication. In S. Kita (ed.), *Pointing: Where Language, Culture, and Cognition Meet* (pp. 1–9). Mahwah, NJ: Lawrence Erlbaum Associates.
- Kita, S. & Özyürek, A. (2003). What does cross-linguistic variation in semantic coordination of speech and gesture reveal?: Evidence for an interface representation of spatial thinking and speaking. *Journal of Memory and Language*, **48**, 16–32.
- Kiyaga, N. B. & Moores, D. F. (2003). Deafness in Sub-Saharan Africa. *American Annals of the Deaf*, **148**(1), 18–24.
- Klee, E. (1985). *Euthanasie im NS-Staat: die “Vernichtung lebensunwerten Lebens.”* Frankfurt/Main: Fischer.
- Klima, E. S. (1964). Negation in English. In J. Fodor & J. Katz (eds.), *The Structure of Language* (pp. 246–323). Englewood Cliffs, NJ: Prentice-Hall.
- Klima, E. S. & Bellugi, U. (1979). *The Signs of Language*. Cambridge, MA: Harvard University Press.
- Knors, H. (1992). Exploratie van de gebarenruimte. PhD dissertation, University of Amsterdam. Delft: Eburon.
- (1994). Increasing morphological complexity as a strategy: The SLN of nonnative signing children. In B. van den Bogaerde, H. Knors & M. Verrips (eds.), *Language Acquisition with Non-Native Input* (pp. 51–69). Amsterdam: University of Amsterdam. (Amsterdam Series in Child Language Development; 2)
- (1999). The education of deaf children in the Netherlands. In H. W. Brelje (ed.), *Global Perspectives on the Education of the Deaf* (pp. 249–260). Hillsboro, OR: Butte.
- Kobosko, J. (1999). Wybrać czy nie? – Rozmowa o języku migowym. In J. Kobosko (ed.), *Moje dziecko nie słyszy. Materiały dla rodziców dzieci z wadą słuchu*, 5 (pp. 147–155). Warsaw: Stowarzyszenie Przyjaciół Osób Niesłyszących i Niedosłyszących “Człowiek - Człowiekowi.”
- Kobosko, J., Szuchnik, J. & Wojda, P. (2004). Kwestionariusz “JA-INNI” jako narzędzie służące do opisu tożsamości własnej młodzieży głuchej. *Audiofonologia*, **26**, 119–133.
- Korbus, C. (2006). On the situation of the Deaf, of sign language interpreters and of interpreters’ education in Uganda. Diploma thesis, Zwickau, University of Applied Sciences.

- Kourbetis, V. (1999). Elliniki Noimatiki Glossa: Mithi ke Pragmatikotita. In V. Kourbetis (ed.), *Noima stin Ekpedefsi. I Elliniki Noimatiki Glossa ke I didaskalia tis sta scholia Kofon* (pp. 53–92). Athens: Ministry of Education and Religious Affairs, Pedagogical Institute.
- (2005). Education of the deaf in Greece: from oralism to bilingualism and special education in Greece: State of the art and curriculum development. Unpublished manuscript presented at Zurich University, Switzerland, November 2005.
- Kourbetis, V. & Kostas, G. (2006). Deaf empowerment in Greece. In H. Goodstein (ed.), *The Deaf Way II Reader: Perspectives from the Second International Conference on Deaf Culture* (pp. 42–47). Washington, DC: Gallaudet University Press.
- Krakowiak, K. (1995). *Fonogesty jako narzedzie formowania jezyka dzieci z uszkodzonym sluchem*. Lublin: Wyd. UMCS.
- (1998). *W Sprawie Kształcenia Języka Dzieci i Młodzieży z Uszkodzonym Słuchem*. Lublin: Wyd. UMCS.
- (2003). *Kim Jest Moje Niesłyszające Dziecko? Rozważania o Ukrytych Założeniach Antropologicznych Współczesnych Koncepcji Surdopedagogiki i Audiofonologii*. Lublin: GAUDIUM.
- (2004). Nowe podstawy wychowania językowego dzieci z głębokimi prelingwalnymi uszkodzeniami słuchu. *Audiofonologia*, **25**, 1–9.
- (2006). Pedagogiczna typologia uszkodzeń słuchu. In K. Krakowiak & A. Dziurda-Multan (eds.), *Nie Głos, Ale Słowo: Przekraczanie Barier w Wychowaniu Osób z Uszkodzeniami Słuchu* (pp. 255–288). Lublin: Wydawnictwo KUL.
- Krakowiak, K., Muzyka, E. & Wojda, P. (2002). Oczekiwania rozmówców niesłyszających i słyszających wobec siebie jako przesłanki do programów pracy logopedycznej. *Logopedia*, **30**, 67–85.
- Kruth, L. (1996). *En Tyst Värld – Full av Liv*. Örebro: SIH Läromedel.
- Kuwaiti Sign Language Dictionary*. (1995). Available at www.mym.4mg.com/.
- Kweller, D. (2005). Políticas educativas: La educación del niño sordo. Algunas reflexiones. *La Revista Iberoamericana de Educación*. Available at www.rieoei.org/opinion04.htm.
- Kyle, J. & Allsop, L. (1982). *Deaf People and the Community*. Bristol, UK: Centre for Deaf Studies, School for Education, University of Bristol.
- Kyle, J. & Woll, B. (1985). *Sign Language: The Study of Deaf People and Their Language*. Cambridge: Cambridge University Press.
- (1993). *Language in Sign: The Development of Deaf Children's Communication in Sign Language*. Bristol, UK: University of Bristol.
- Labov, W. (1963). The social motivation for sound change. *Word*, **19**, 273–309.
- (1966). *The Social Stratification of English in New York City*. Washington, DC: Center for Applied Linguistics.
- (1969). Contraction, deletion, and inherent variability of the English copula. *Language*, **45**, 715–762.
- (1990). The intersection of sex and social class in the course of language change. *Language Variation and Change*, **2**, 205–254.
- Labov, W., Cohen, P., Robins, C. & Lewis, J. (1968). *A Study of the Non-Standard English of Negro and Puerto Rican Speakers in New York City*. Philadelphia, PA: US Regional Survey.
- Ladd, P. (2003). *Understanding Deaf Culture: In Search of Deafhood*. Clevedon, UK/Buffalo, NY: Multilingual Matters.
- Ladefoged, P. (1975). *A Course in Phonetics*. New York: Hartcourt, Brace, Jovanovich.
- Ladis, A. (1992). Review: Moshe Barasch, "Giotto and the Language of Gesture," (Cambridge Studies in the History of Art). *The Art Bulletin*, **74**(71), 159–161.

- Lakoff, G. (1965). *On the Nature of Syntactic Irregularity*. In Mathematical Linguistic and Automatic Translation, NSF-16 (National Science Foundation, Technical Report 16). Cambridge, MA: Harvard Computation Laboratory.
- Lambropoulou, V. (1994a). The history of deaf education in Greece. In C. Erting, R. Johnson, D. Smith & B. Snider (eds.), *The Deaf Way: Perspectives from the International Conference on Deaf Culture* (pp. 239–249). Washington, DC: Gallaudet University Press.
- (1994b). The vocational distribution of deaf people in Greece. In C. Erting, R. Johnson, D. Smith & B. Snider (eds.), *The Deaf Way: Perspectives from the International Conference on Deaf Culture* (pp. 791–793). Washington, DC: Gallaudet University Press.
- (1999). The education of the deaf in Greece. In H. W. Brelje (ed.), *Global Perspectives on the Education of the Deaf* (pp. 157–174). Hillsboro, OR: Butte.
- Lane, H. (1984). *When the Mind Hears*. New York: Random House.
- Lane, H., Boyes Braem, P. & Bellugi, U. (1976). Preliminaries to distinctive feature analysis of handshapes in American Sign Language. *Cognitive Psychology*, **8**, 263–289.
- Lane, H., Hoffmeister, R. & Bahan, B. (1996). *A Journey into the Deaf World*. San Diego, CA: Dawn Sign Press.
- Lanesman, S. & Meir, I. (2007). The sign language of Algerian immigrants in Israel. Paper presented at the workshop entitled, Cross-linguistic Research and International Cooperation in Sign Language Linguistics, Nijmegen, The Netherlands.
- Langacker, R. W. (1987). *Foundations of Cognitive Grammar*. Vol. I: *Theoretical Prerequisites*. Stanford, CA: Stanford University Press.
- (1991). *Foundations of Cognitive Grammar*. Vol. II: *Descriptive Application*. Stanford, CA: Stanford University Press.
- Lasnik, H. (1995). Verbal morphology: Syntactic structures meet the minimalist program. In H. Campos & P. Kempchinsky (eds.), *Evolution and Revolution in Linguistic Theory: Essays in Honor of Carlos Otero* (pp. 251–275). Washington, DC: Georgetown University Press.
- Lazanas, V. (1984). *The Problems of the Deaf*. Athens: St. A. Tsepepas.
- League of Arab States. (2006). Member States. Available at www.arableagueonline.org/las/arabic/categoryList.jsp?level_id=61.
- Lee, D. M. (1982). Are there really signs of diglossia? Re-examining the situation. *Sign Language Studies*, **35**, 127–152.
- Lee, R. (2004). *A Beginner's Introduction to Deaf History*. Feltham, UK: British Deaf History Society.
- Lehmann, C. (1988). On the function of agreement. In M. Barlow & C. Ferguson (eds.), *Agreement in Natural Language: Approaches, Theories, Descriptions* (pp. 55–65). Stanford, CA: Center for the Study of Language and Information (CSLI) Publications.
- Lewis, J. (1998). Ebonics in American Sign Language: Stylistic variation in African American signers. In C. Carroll (ed.), *Deaf Studies V: Toward Unity and Diversity* (pp. 229–240), Washington, DC: Gallaudet University, College for Continuing Education.
- Lewis, J., Palmer, C. & Williams, L. (1995). Existence of and attitudes toward Black variations of sign language. In L. Byers, J. Chaiken & M. Mueller (eds.), *Communication Forum 1995* (pp. 17–48). Washington, DC: Gallaudet University Department of ASL, Linguistics, and Interpretation.
- Liddell, S. (1977). An investigation into the syntactic structure of American Sign Language. PhD dissertation, University of California, San Diego.
- (1980). *American Sign Language Syntax*. The Hague: Mouton de Gruyter.
- (1984). Unrealized inceptive aspect in ASL: Feature insertion in syllabic frames. In J. Drogo, V. Mishra & D. Testen (eds.), *Proceedings from the Twentieth Regional Meeting*

- of the *Chicago Linguistic Society (CLS 20)* (pp. 257–270). Chicago, IL: Chicago Linguistic Society.
- (1986). Head thrust in ASL conditional sentences. *Sign Language Studies*, **52**, 243–262.
- (1995). Real, surrogate, and token space: Grammatical consequences in ASL. In K. Emmorey & J. Reilly (eds.), *Language, Gesture and Space* (pp. 19–42). Hillsdale, NJ: Lawrence Erlbaum Associates.
- (1996). Spatial representation in discourse: Comparing spoken and signed language. *Lingua*, **98**, 145–167.
- (2000). Indicating verbs and pronouns: Pointing away from agreement. In K. Emmorey & H. Lane (eds.), *The Signs of Language Revisited: An Anthology to Honor Ursula Bellugi and Edward Klima* (pp. 303–320). Mahwah, NJ: Lawrence Erlbaum Associates.
- (2003a). Sources of meaning in ASL classifier predicates. In K. Emmorey (ed.), *Perspectives on Classifier Construction in Sign Languages* (pp. 199–220). Mahwah, NJ: Lawrence Erlbaum Associates.
- (2003b). *Grammar, Gesture, and Meaning in American Sign Language*. Cambridge: Cambridge University Press.
- Liddell, S. & Johnson, R. E. (1986). American Sign Language compound formation processes, lexicalization and phonological remnants. *Natural Language and Linguistic Theory*, **4**, 445–513.
- (1989). American Sign Language: The phonological base. *Sign Language Studies*, **64**, 197–277.
- Liddell, S. & Metzger, M. (1998). Gesture in sign language discourse. *Journal of Pragmatics*, **30**(6), 657–697.
- Lillo-Martin, D. (1986). Two kinds of null arguments in American Sign Language. *Natural Language and Linguistic Theory*, **4**, 415–444.
- (1991). *Universal Grammar and American Sign Language: Setting the Null Argument Parameters*. Dordrecht: Kluwer Academic Publishers.
- (2002). Where are all the modality effects? In R. Meier, K. Cormier & D. Quinto-Pozos (eds.), *Modality and Structure in Signed and Spoken Languages* (pp. 241–262). Cambridge: Cambridge University Press.
- Lillo-Martin, D. & Fischer, S. (1992). Overt and covert Wh-questions in ASL. Paper presented at the Fifth International Symposium on Sign Language Research, Salamanca, Spain.
- Lillo-Martin, D. & Quadros, R. M. (2008). Focus constructions in American Sign Language and Língua de Sinais Brasileira. In J. Quer (ed.), *Signs of the Time: Selected Papers from TISLR 2004* (pp. 166–176). Hamburg: Signum.
- Lillo-Martin, D., Quadros, R. M. & Mathur, G. (1998). Acquisition of verb agreement in American Sign Language and Brazilian Sign Language: A cross-linguistic study. Paper presented at the Sixth Conference on Theoretical Issues in Sign Language Research (TISLR 6), Washington, DC.
- Lipka, L. (1994). Lexicalization and institutionalization. In R. E. Asher (ed.), *The Encyclopedia of Language and Linguistics* (pp. 2164–2167). Oxford: Pergamon Press Ltd.
- List, G. (1993). Deaf history: A suppressed part of general history. In J. van Cleve. (ed.), *Deaf History Unveiled. Interpretations from the New Scholarship* (pp. 113–126). Washington, DC: Gallaudet University Press.
- Lockwood, E. M. (2002). Uruguayan Deaf Education and its Effects on the Deaf Community (Fulbright Uruguay Annual). Available at www.sordos.com.uy/foros/la_educacion_del_sordo_uruguay.htm.
- Los sordos no tienen acceso a la secundaria ni a la universidad. *Voces en Silencio*, 2006.
- Lucas, C. (1995). Sociolinguistic variation in ASL: The case of DEAF. In C. Lucas (ed.), *Sociolinguistics in Deaf Communities* (pp. 3–25). Washington, DC: Gallaudet University Press.

- (2007). Variation and modality. In R. Bayley & C. Lucas (eds.), *Sociolinguistic Variation: Theories, Methods, and Applications* (pp. 145–161). Cambridge: Cambridge University Press.
- Lucas, C. & Bayley, R. (2005). Variation in ASL: The role of grammatical function. *Sign Language Studies*, **6**, 38–75.
- Lucas, C. & Valli, C. (1992). *Language Contact in the American Deaf Community*. San Diego, CA: Academic Press.
- Lucas, C., Bayley, R. & Valli, C. (2001). *Sociolinguistic Variation in American Sign Language: Sociolinguistics in Deaf Communities*, Vol. VII. Washington, DC: Gallaudet University Press.
- Lucas, C., Bayley, R., Reed, R. & Wulf, A. (2001). Lexical variation in African American and white signing. *American Speech*, **76**(4), 339–360.
- Lucas, C., Goeke, A., Briesacher, R. & Bayley, R. (2007). Variation in ASL: 2 Hands or 1? Paper presented at the Conference on New Ways of Analyzing Variation 36, University of Pennsylvania.
- Lule, D. (2001). Regional variation in USL. Baccalaureate thesis, University of Bristol.
- Maddieson, I. (2005). Syllable structure. In M. S. Dryer, D. Gil & B. Comrie (eds.), *The World Atlas of Language Structures* (pp. 54–57). Oxford: Oxford University Press.
- Mallery, G. (1893). *Picture Writing of the American Indians: Tenth Annual Report of the Bureau of American Ethnology*. Washington, DC: Smithsonian.
- Mally, G. (1993a). The long road to self-confidence of the deaf in Germany. In R. Fischer & H. Lane (eds.), *Looking Back: A Reader on the History of Deaf Communities and Their Sign Languages* (pp. 177–198). Hamburg: Signum.
- (1993b). *Redewendungen der Deutschen Gebärdensprache: Münchner Dialekt*. Hamburg: Signum.
- Malm, A. (1998). *Suomalaisen viittomakielen perussanakirja 2003*. Helsinki: Kuurojen Liitto ry. [Available at <http://suvi.viittomat.net/>.]
- Mandel, M. (1977). Iconic devices in American Sign Language. In L. Friedman (ed.), *On the Other Hand: New Perspectives on American Sign Language* (pp. 57–107). New York: Academic Press.
- (1979). Natural constraints in sign language phonology: Data from anatomy. *Sign Language Studies*, **24**, 215–229.
- (1981). Phonotactics and morphophonology in American Sign Language. PhD dissertation. University of California, Berkeley.
- Manteau, E. & Thivilliers-Goyard, B. (2002). A propos de la situation des enfants sourds dans les pays d’Afrique subaharienne. *La Lettre d’Orthophonistes du Monde*.
- Marantz, A. (1994). A late note on late insertion. In Y-S. Kim, K-J. Lee, B-C. Lee, H-K. Yang & J-Y. Yoon (eds.), *Explorations in Generative Grammar. A Festschrift for Dong-Whee Yang* (pp. 396–413). Seoul: Hankuk Publishing Company.
- Maroney, E. (2004). Aspect in American Sign Language. PhD dissertation, University of New Mexico, Albuquerque.
- Marotta, G. (1985). *Modelli e misure ritmiche: La durata vocalica in italiano*. Bologna: Zanichelli.
- Marsaja, I. G. (2008). *Desa Kolok: A Deaf Village and its Sign Language in Bali, Indonesia*. Nijmegen: Ishara Press.
- Martin, J. (2000). A linguistic comparison of two notation systems for signed languages: Stokoe Notation and Sutton SignWriting. Unpublished manuscript, Western Washington University.
- Massone, M. & Curiel, M. (2004). Sign order in Argentine Sign Language. *Sign Language Studies*, **5**, 63–93.

- Massone, M. & Famularo, R. (2000). Semiotic aspects of Argentine Sign Language: Analysis of a videotaped "Interview." In M. Metzger (ed.), *Bilingualism and Identity in Deaf Communities*, Vol. VI (pp. 204–216). Washington, DC: Gallaudet University Press.
- Massone, M. & Johnson, R. E. (1991). Kinship terms in Argentine Sign Language. *Sign Language Studies*, **73**, 347–360.
- Massone, M. & Menéndez, S. M. (1992). An interactional approach to the analysis of Argentine Sign Language. *Cuadernos de Estudios Lingüísticos*, **33**, 75–82.
- Mathur, G. (2000). Verb agreement as alignment in signed languages. PhD dissertation, MIT, Cambridge, MA.
- Mathur, G. & Rathmann, C. (2004). Cross-sign-linguistic variation in the frequency of verb agreement forms. Paper presented at the Annual Meeting of DGfS, Mainz, Germany.
- (2006). Variability in verb agreement forms in four sign languages. In L. Goldstein, C. Best & D. Whalen (eds.), *Laboratory Phonology VIII: Varieties of Phonological Competence* (pp. 287–314). The Hague: Mouton de Gruyter.
- (2007). The argument structure of classifier predicates in American Sign Language. In A. Rose Deal (ed.), *Proceedings of the Fourth Meeting of Semantics of Underrepresented Languages of Americas*. Amherst, MA: GLSA (Graduate Linguistic Students Association).
- (forthcoming). The features of verb agreement in signed languages. In R. Pfau, M. Steinbach and B. Woll (eds.), *Handbooks of Linguistics and Communication Sciences on Sign Languages*. Berlin: Mouton de Gruyter.
- Matsuoka, K. (1997). Verb raising in American Sign Language. *Lingua*, **103**, 127–149.
- Matthews, P. A. (1996). *The Irish Deaf Community Volume 1: Survey Report, History of Education, Language and Culture*. Dublin: Linguistics Institute of Ireland.
- Matthews, S. (1990). A cognitive approach to the typology of verbal aspect. PhD dissertation, University of Southern California, Los Angeles.
- Mayberry, R. & Eichen, E. (1991). The long-lasting advantage of learning sign language in childhood: Another look at the critical period for language acquisition. *Journal of Memory and Language*, **31**, 486–512.
- Maye, C., Ringli, G. & Boyes Braem, P. (1987). The use of signs in Switzerland: Projects in the Zurich and Geneva Schools. In J. Kyle (ed.), *Sign and School: Using Signs in Deaf Children's Development* (pp. 162–170). Clevedon, UK: Multilingual Matters.
- Mayer, M. (1969). *Frog, Where Are You?* New York: Dial Books for Young Readers.
- Mbulamwana, J. (2004a). Implement the enacted disability friendly legislations. *Uganda National Association of the Deaf Newsletter*, 12–13.
- (2004b). Silent Theatre launched. *Uganda National Association of the Deaf Newsletter*, December 13th Edition.
- (2004c). WBS introduce Sign Language. *Uganda Association of the Deaf Newsletter*, June 12th Edition.
- (2005). Ndeezi castigates stigmatization of the Deaf. *Uganda Association of the Deaf Newsletter*, December 15th Edition.
- McBurney, S. (2002). Pronominal reference in signed and spoken language: Are grammatical categories modality-dependent? In R. Meier, K. Cormier & D. Quinto-Pozos (eds.), *Modality and Structure in Signed and Spoken Languages* (pp. 329–369). Cambridge: Cambridge University Press.
- McCarthy, J. & Prince, A. (1993). Constraint interaction and satisfaction. Unpublished manuscript, University of Massachusetts/Rutgers University.
- McClave, E. Z. (2000). Linguistic functions of head movements in the context of speech. *Journal of Pragmatics*, **32**(7), 855.

- (2001). The relationship between spontaneous gestures of the hearing and American Sign Language. *Gesture*, **1**(1), 51–72.
- McDonald, B. H. (1982). Aspects of the American Sign Language predicate System. PhD dissertation, University of Buffalo, New York.
- McIntire, M. (1980). *Locatives in ASL*. PhD dissertation, University of California, Los Angeles.
- McKee, R. (2007). Hand to mouth: Findings on the role of mouthing in New Zealand Sign Language. Paper presented at the Australian Sign Language Interpreters Association National Conference, Macquarie University, Sydney.
- McKee, D. & Kennedy, G. (2000). Lexical comparisons of signs from American, Australian, British and New Zealand Sign Languages. In K. Emmorey, & H. Lane (eds.), *The Signs of Language Revisited: An Anthology to Honor Ursula Bellugi and Edward Klima* (pp. 49–76). Mahwah, NJ: Lawrence Erlbaum Associates.
- McKee, D., McKee, R. & Major, G. (2008). Variation in the NZSL number system. In R. M. de Quadros (ed.), *Sign Languages: Spinning and unraveling the past, present and future*. TISLR9 (pp. 296–313). Published online at: www.editora-arara-azul.com.br.
- McKee, D., McKee, D., Smiler, K. & Pointon, K. (2008). Maori signs: The construction of indigenous Deaf identity in New Zealand Sign Language. In D. Quinto-Pozos (ed.), *Sign Languages in Contact* (pp. 31–81). Washington, DC: Gallaudet University Press.
- McNeill, D. (1992). *Hand and Mind: What Gestures Reveal About Thought*. Chicago, IL: University of Chicago Press.
- (2000). *Language and Gesture*. Cambridge/New York: Cambridge University Press.
- (2005). *Gesture and Thought*. Chicago, IL: University of Chicago Press.
- McPherson, B. & Swart, S. M. (1997). Childhood hearing loss in sub-Saharan Africa: A review and recommendations. *International Journal of Pediatric Otorhinolaryngology* 1997, **40**, 1–18.
- Meier, R. P. (1982). Icons, analogues and morphemes: The acquisition of verb agreement in American Sign Language. PhD dissertation, University of California, San Diego.
- (1990). Person deixis in American Sign Language. In S. Fischer & P. Siple (eds.), *Theoretical Issues in Sign Language Research*. Vol. I: *Linguistics* (pp. 175–190). Chicago, IL: University of Chicago Press.
- (2002). The acquisition of verb agreement: Pointing out arguments for the linguistic status of agreement in signed languages. In G. Morgan & B. Woll (eds.), *Directions in Sign Language Acquisition* (pp. 115–141). Amsterdam: John Benjamins Associates.
- Meier, R. P. & Willerman, R. (1995). Prelinguistic gesture in deaf and hearing infants. In K. Emmorey & J. Reilly (eds.), *Language, Gesture and Space* (pp. 391–409). Hillsdale, NJ: Lawrence Erlbaum Associates.
- Meillet, A. (1929). Le Développement des langues. In J. Chevalier, (ed.), *Continu et discontinu* (pp. 119ff.). Paris: Blood & Gay. Repr. in A. Meillet, (1951). *Linguistique historique et linguistique générale*, Vol. II. (pp. 53–69). Paris: Klincksieck.
- Meir, I. (1995). Explaining backwards verbs in Israeli Sign Language: Syntax–semantic interaction. In H. Bos & G. Schermer (eds.), *Sign Language Research* (pp. 105–120). Hamburg: Signum.
- (1998a). Syntactic–semantic interaction in Israeli sign language verbs: The case of backwards verbs. *Sign Language and Linguistics*, **1**(1), 3–37.
- (1998b). Thematic structure and verb agreement in Israeli Sign Language. PhD dissertation, The Hebrew University of Jerusalem.
- (1999). A perfect marker in Israeli Sign Language. *Sign Language and Linguistics*, **2**, 43–62.
- (2002). A cross-modality perspective on verb agreement. *Natural Language and Linguistic Theory*, **20**(2), 413–450.

- Meir, I. & Sandler, W. (2008). *Language in Space: The Story of Israeli Sign Language*. New York: Lawrence Erlbaum Associates.
- Meir, I., Padden, C., Aronoff, M. & Sandler, W. (2007). Body as subject. *Journal of Linguistics*, **43**, 531–563.
- Meir, I., Sandler, W., Padden, C. & Aronoff, M. (in press). Emerging Sign Languages. In M. Marschark & P. Spencer (eds.), *Oxford Handbook of Deaf Studies, Language, and Education*, Vol II. Oxford: Oxford University Press.
- Mesch, J. (1998). *Teckenspråk i Taktill Form: Turtagning och Frågor i Dövblindas Samtal på Teckenspråk*. Hamburg: Signum. (International Studies on Sign Language and Communication of the Deaf; vol. 38)
- (2000). Tactile Swedish Sign Language: Turn taking in signed conversations of people who are Deaf and blind. In M. Metzger (ed.), *Bilingualism and Identity in Deaf Communities* (pp. 187–203). Washington, DC: Gallaudet University Press. (Sociolinguistics in Deaf Communities; vol. 6)
- (2006). Påminner nationella teckenspråk om varandre? In K. Hoyer, M. Londen & J. Östman (eds.), *Teckenspråk: Sociale och Historiska Perspektiv* (pp. 71–95). Helsingfors, Finland: Institutionen för Nordiska Språk och Nordisk Litteratur, Helsingfors Universitet.
- Meyerhoff, M. (2000). *Constraints on Null Subjects in Bislama (Vanuatu): Social and Linguistic Factors*. Canberra: Pacific Linguistic Publications.
- Miestamo, M. & van der Auwera, J. (2006). Negation and perfective vs. imperfective aspect. Paper presented at the Chronos 7 Conference, Antwerp.
- Milewski, T. (1993). *Teoria, Typologia i Historia Języka*. Kraków: UNIVERSITAS.
- Miller, C. (1996). Phonologie de la langue des signes québécoise: Structure simultanée et axe temporel. PhD dissertation, Université de Québec a Montréal.
- (2001). Some reflections on the need for a common sign notation. *Sign Language and Linguistics*, **4**(1/2), 11–28.
- Mirus, G., Rathmann, C. & Meier, R. P. (2001). Proximalization and distalization of sign movement in adult learners. In V. Dively, M. Metzger, S. Taub & A. M. Baer (eds.), *Signed Languages: Discoveries from International Research* (pp. 103–119). Washington, DC: Gallaudet University Press.
- Mitchell, R. E., Young, T. A., Bachleda, B. & Karchmer, M. A. (2006). How many people use ASL in the United States? Why estimates need updating. *Sign Language Studies, Spring* **6**(3), 306–356.
- Morales-López, E. (2004). *Educación bilingüe en lengua de signos y lengua(s) oral(es) en Barcelona y Madrid*. Barcelona: Associació de Pares de Nens Sords de Catalunya (APANSCE). Available at www.apansce.org.
- Morales-López, E., Agliaga-Emeterio, D., Alonso-Rodríguez, J. A., Boldú-Menasanch, R. M., Garrusta-Ribes, J. & Gras-Ferrer, V. (2002). Deaf people in bilingual speaking communities: The case of Deaf people in Barcelona. In C. Lucas (ed.), *Turn-Taking, Fingerspelling, and Contact in Signed Languages* (pp. 107–155). Washington, DC: Gallaudet University Press. (Sociolinguistics in Deaf Communities; Vol. 8)
- Morford, J. P. (1993). Creating the language of thought: The development of displaced reference in child-generated language. PhD dissertation, University of Chicago.
- (1996). Insights to language from the study of gesture: A review of research on the gestural communication of non-signing deaf people. *Language and Communication*, **16**(2), 165–178.
- Morgan, G., Barriere, I. & Woll, B. (2006). The influence of typology and modality on the acquisition of verb agreement morphology in British Sign Language. *First Language*, **26**, 19–43.

- Morgan, M. W. (2006). Interrogatives and negatives in Japanese Sign Language. In U. Zeshan (ed.), *Interrogatives and Negative Constructions in Sign Languages* (pp. 91–127). Nijmegen: Ishara Press.
- Mubangizi, M. (2006). Five of eight siblings are deaf. *The Weekly Observer*, December, 14–20.
- (2007). PWD write to Museveni over neglect. *The Weekly Observer*, July, 5–11.
- Mufwene, S. (2008). *Language Evolution: Contact, Competition and Change*. London/NewYork: Continuum.
- Mufwene, S., Rickford, J. R., Bailey, G. & Baugh, J. (1998). *African American English: History, Structure, and Use*. London: Routledge.
- Mugenyi, S. (2003). Deaf children still denied access to secondary school. *The New Vision*, January 27th Edition.
- Muhs, J. (1994). Eduard Fürstenberg. *Das Zeichen*, 8(30), 422–423.
- Mulrooney, K. (2002). Variation in ASL fingerspelling. In C. Lucas (ed.), *Turn-Taking, Fingerspelling, and Contact in Signed Languages* (pp. 3–23). Washington, DC: Gallaudet University Press.
- Nadolske, M. & Rosenstock, R. (2007). Occurrence of mouthings in American Sign Language: A preliminary study. In P. Perniss, R. Pfau & M. Steinbach (eds.), *Visible Variation: Cross-Linguistic Studies on Sign Language Structure* (pp. 35–61). Berlin: Mouton de Gruyter.
- Nakagwa, F. (2006). Isanga appeals for the deaf. *The New Vision*, September 20th Edition.
- Nakamura, K. (2006). *Deaf in Japan*. Ithaca NY: Cornell University Press.
- Nampala, M. (2007). Raising six deaf dumb children single-handed. *The New Vision*, April 27th Edition.
- Naro, A. J. (1981). Morphological constraints on subject deletion. In D. Sankoff & H. Cedergren (eds.), *Variation Omnibus* (pp. 351–357). Edmonton, AB: Linguistic Research.
- Ndeezi, A. (2004). *The Disability Movement in Uganda: Progress and Challenges with Constitutional and Legal Provisions on Disability*. Kampala: Oscar Industries Ltd.
- Ndeezi, A. & Ssendagire, E. (1998). How UNAD was formed: A brief history. *Uganda Association of the Deaf Newsletter*, December, Special edition.
- Neidle, C. (2002). ASL focus and question constructions. *Linguistic Variation Yearbook*, 2, 71–98.
- (2003). SignStream-Version 2.2 CD-ROM. American Sign Language Linguistics Research Project, Boston University. Also available at www.bu.edu/asllrp/SignStream/.
- (2004). *NCSLGR Sign Stream Database Volume 1*. American Sign Language Linguistic Research Project (Distributed on CD-ROM), Boston University.
- (2007). *NCSLGR SignStream Databases Volumes 2–7*. American Sign Language Linguistic Research Project (Distributed on CD-ROM), Boston University.
- Neidle, C. & MacLaughlin, D. (1998). SignStream. A Tool for Linguistic Research on Signed Languages. *Sign Language and Linguistics*, 1, 111–114.
- (2002). The distribution of functional projections in ASL: Evidence from overt expressions of syntactic features. In G. Cinque (ed.), *Functional Structure in the DP and IP: The Cartography of Syntactic Structures* (pp. 195–224). Oxford: Oxford University Press.
- Neidle, C., Sclaroff, S. & Athitsos, V. (2001). SignStream. A tool for linguistic and computer vision research on visual-gestural language data. *Behavior Research Methods, Instruments, and Computers*, 33, 311–320.
- Neidle, C., Kegl, J., MacLaughlin, D., Bahan, B. & Lee, R. G. (2000). *The Syntax of American Sign Language: Functional Categories and Hierarchical Structure*. Cambridge, MA: MIT Press.
- Nespor, M. & Vogel, I. (1986). *Prosodic Phonology*. Dordrecht: Foris.

- Nespor, M. & Sandler, W. (1999). Prosody in Israeli Sign Language. *Language and Speech*, 42(2/3), 143–176.
- Newport, E. L. & Supalla, T. (2000). Sign language research at the millennium. In K. Emmorey & H. L. Lane (eds.), *The Signs of Language Revisited: An Anthology to Honor Ursula Bellugi and Edward Klima* (pp. 103–114). Mahwah, NJ: Lawrence Erlbaum Associates.
- Niederberger, N. A. (2004). Capacités langagières en langue des signes française et en français écrit chez l'enfant sourd bilingue: quelles relations? PhD dissertation, University of Geneva.
- Nippon Foundation (2007). *Gallaudet students visit the Nippon Foundation*. Tokyo: Nippon Foundation
- Nkwangu, R. (2006). Uganda commemorates the International Deaf Awareness Week for the first time. *Uganda National Association of the Deaf Newsletter*, December 17th Edition.
- Nunes, J. (2004). *Linearization of Chains and Sideward Movement*. Cambridge, MA: MIT Press.
- Nunes, J. & Quadros, R. M. de, R. (2006). Focus duplication of wh-elements in Brazilian Sign Language. Paper presented at the Proceedings of the North Eastern Linguistic Society 35, Charleston, SC.
- (2008). Phonetically realized traces in American Sign Language and Brazilian Sign Language. In J. Quer (ed.), *Signs of the Time: Selected Papers from TISLR 2004* (pp.177–190). Hamburg: Signum.
- Nurowski, E. (1983). *Surdopedagogika Polska: Zarys Historyczny*. Warsaw: PWN.
- Nyst, V. (1999). Variation in Handshape in USL. Unpublished manuscript, University of Leiden.
- (2007). *A Descriptive Analysis of Adamorobe Sign Language (Ghana)*. Utrecht: LOT (Netherlands Graduate School of Linguistics).
- Nyst, V. & Baker, A. E. (2003). The phonology of name signs: A comparison between the sign languages of Uganda, Mali, Adamorobe and the Netherlands. In A. Baker, B. van den Bogaerde & O. Crasborn (eds.), *Cross-Linguistic Perspective in Sign Language Research: Selected Papers from Theoretical Issues in Sign Language Research (TISLR 2000)* (pp. 71–80). Hamburg: Signum.
- O'Reilly, S. (2005). *Indigenous Sign Language and Culture: The Interpreting and Access Needs of Deaf People who are Aboriginal and/or Torres Strait Islander in Far North Queensland*. Kewarra Beach, Australia: Australian Sign Language Interpreters Association.
- Östman, J. (ed.) (2005). *FinSSL: Finlandssvenskt teckenspråk. Nordica*. Vol. 4. Helsingfors, Finland: Institutionen för nordiska språk och nordisk litteratur, Helsingfors universitet.
- Ohala, J. J. (1990). Alternatives to the sonority hierarchy for explaining segmental sequential constraints. In M. Ziolkowski, M. Noske & K. Deaton (eds.), *Proceedings for the Annual Meeting of the Chicago Linguistic Society*, 26. Vol. II: *The Parasession on the Syllable in Phonetics and Phonology* (pp. 319–338). Chicago, IL: Chicago Linguistic Society.
- Ohala, J. J. & Kawasaki, H. (1984). Phonetics and prosodic phonology. *Phonology Yearbook*, 1, 113–127.
- Okamoto, I. (1997). *Kindai moorookyooiku no seirittu to hatten: Hurukawa Toisiroo no syoogai kara*. [The Rise and Development of Modern Blind/Deaf Education: From the Life of Toshiro Furukawa.] Tokyo: NHK (Nihon Hoosoo Kyookai).
- Okombo, D. O. (1991). The place of sign language in the African language situation. Unpublished manuscript, Nairobi University.
- Oliveri, F. (2000). *La Gestualità dei Siciliani*. Palermo: Krea.
- Oluoch, B. P. (2006). 1,000 March for USL Policy. *Uganda National Association of the Deaf Newsletter*, December 17th Edition.
- Ordbog over Dansk Tegnsprog* (2008). Professions-højskolen VCC (<http://www.tegnsprog.dk>).
- Oteng, F. S. (1997). *Deaf Adwoa Benewaa*. Kumasi: Kumasi Catholic Press.

- Otheguy, R., Zentella, A. C. & Livert, D. (2007). Language and dialect contact in Spanish in New York: Towards the formation of a speech community. *Language*, **83**, 770–802.
- Oviedo, A. (1996). Bilingual deaf education in Venezuela: Linguistic comments on the current situation. In C. Lucas (ed.), *Multicultural Aspects of Sociolinguistics in Deaf Communities*, (Vol. II pp. 61–79). Washington, DC: Gallaudet University Press.
- Padden, C. (1980). The deaf community and the culture of deaf people. In C. Baker & R. Battison (eds.), *Sign Language and Deaf Community: Essays in Honor of William C. Stokoe* (pp. 89–104). Silver Spring, MD: National Association for the Deaf.
- (1983). Interaction of morphology and syntax in American Sign Language. PhD dissertation, University of California, San Diego.
- (1988). *Interaction of Morphology and Syntax in American Sign Language*. New York: Garland Press.
- (1990). The relation between space and grammar in ASL verb morphology. In C. Lucas (ed.), *Sign Language Research: Theoretical Issues* (pp. 118–132). Washington, DC: Gallaudet University Press.
- Padden, C. & Gunsauls, D. C. (2003). How the alphabet came to be used in sign language. *Sign Language Studies*, **4**, 10–33.
- Padden, C. & Humphries, T. (1988). *Deaf in America: Voices from a Culture*. Cambridge, MA: Harvard University Press.
- (2005). *Inside Deaf Culture*. Cambridge, MA: Harvard University Press.
- Padden, C. & Rayman, J. (2004). The future of American Sign Language. In J. van Cleve & D. Armstrong (eds.), *The Study of Signed Languages: Essays in Honor of William C. Stokoe* (pp. 247–263). Washington, DC: Gallaudet University Press.
- Palestine Red Crescent Society (2000). *Qamus lughat al-ishara al-Falasteeniyah*. Ramallah, Palestine: Matba'et Al Manar.
- Paliza Farfan, A. (1994). The problem of the Peruvian deaf person. In C. J. Erting, R. C. Johnson, D. L. Smith & B. D. Snider (eds.), *The Deaf Way: Perspectives from the International Conference on Deaf Culture* (pp. 804–810). Washington, DC: Gallaudet University Press.
- Panther, K.-U. & Thornburg, L. L. (2003). *Metonymy and Pragmatic Inferencing*. Amsterdam: John Benjamins Associates.
- Parasnis, I. (1998). *Culture and Language Diversity and the Deaf Experience*. Cambridge: Cambridge University Press.
- Parkhurst, S. & Parkhurst, D. (2001). *Un estudio lingüístico: Variación de las lenguas de signos usadas en España*. Madrid: RELLS.
- Parrill, F. (2001). Linguistic aspect and gestural cues to backstage cognition. Paper presented at the Seventh International Cognitive Linguistics Conference, Santa Barbara, CA.
- Parsons, T. (1990). *Events in the Semantics of English: A Study in Subatomic Semantics*. Cambridge, MA: MIT Press.
- Patrick, P. L. & Metzger, M. (1996). Sociolinguistic factors in sign language research. In J. Arnold, R. Blake, B. Davidson, S. Schwenter & J. Solomon (eds.), *Sociolinguistic Variation: Data, Theory and Analysis*, (pp. 229–242). Stanford, CA: Center for the study of Language and Information (CSLI) Publications.
- Pedersen, B. (2004). Thought from a Dane. *Uganda National Association of the Deaf Newsletter*, December 13th Edition.
- Penn, C., Ogilvy-Foreman, D., Goldin, D. & Anderson-Forbes, M. (1992). *Dictionary of Southern African Signs for Communicating with the Deaf*. Johannesburg: Human Science Research Council.
- Percy-Smith, L. (2006). *Danske Børn med Cochlear Implant: Undersøgelse af Medvindsfaktorer for Børnenes Hørelse, Talesprog og Trivsel*. Virum, Denmark: Videnscenter for døvblevne, døde og hørehæmmede.

- Pérez, Y. (2008). Los Marcadores en conversaciones entre Sordos en Lengua de Señas Venezolana. PhD dissertation, Universidad de los Andes.
- Perlin, J. (1993). *Lingwistyczny Opis Polskiego Języka Migowego*. Warsaw: WSiP.
- Perlin, J. & Szczepankowski, B. (1992). *Język Migowy dla Pedagogów. Opis Lingwistyczny*. Warsaw: WSiP.
- Perlmutter, D. (1990). On the segmental representation of transitional and bidirectional movements in ASL phonology. In S. Fischer & P. Siple (eds.), *Theoretical Issues in Sign Language Research (TISLR)*. Vol. I: *Linguistics* (pp. 67–80). Chicago, IL: University of Chicago Press.
- (1992). Sonority and syllable structure in American Sign Language. *Linguistic Inquiry*, **23**, 407–442.
- (1995). Phonological quantity and multiple association. In J. A. Goldsmith (ed.), *The Handbook of Phonological Theory* (pp. 307–317). Oxford: Blackwell.
- Perniss, P. M. (2007). *Space and Iconicity in German Sign Language (DGS)*. Nijmegen: Max Planck Institute for Psycholinguistics. (Max Planck Institute (MPI) Series in Psycholinguistics; 45)
- Petitito, L. A. & Marentette, P. F. (1991). Babbling in the manual mode: Evidence for the ontogeny of language. *Science*, **251**, 1493–1496.
- Petronio, K. (1993). Clause structure in American Sign Language. PhD dissertation, University of Washington.
- Petronio, K. & Lillo-Martin, D. (1997). Wh-Movement and the position of spec CP: Evidence from American Sign Language. *Language*, **73**, 18–57.
- Pfau, R. (2002). Applying morphosyntactic and phonological readjustment rules in natural language negation. In R. P. Meier, K. A. Cormier & D. G. Quinto-Pozos (eds.), *Modality and Structure in Signed and Spoken Languages* (pp. 263–295). Cambridge: Cambridge University Press.
- Pfau, R. & Glück, S. (1999). The pseudo-simultaneous nature of complex verb forms in German Sign Language. Paper presented at the Western Conference on Linguistics, El Paso, TX.
- Pfau, R. & Quer, J. (2002). V-to-Neg raising and negative concord in three sign languages. *Rivista di Grammatica Generativa*, **27**, 73–86.
- Pfau, R. & Steinbach, M. (2005). Relative clauses in German Sign Language: Extraposition and reconstruction. In L. Bateman, & C. Ussery (eds.), *Proceedings of the Thirty-Fifth Annual Meeting of the North East Linguistic Society (NELS 35)*, Vol. II (pp. 507–521). Amherst, MA: GLSA (Graduate Linguistics Student Association).
- Pfau, R. & Steinbach, M. (2006). Modality-Independent and Modality-Specific Aspects of Grammaticalization in Sign Languages. *Linguistics in Potsdam*, **24**, 3–98. Available at www.ling.uni-potsdam.de/lip/.
- Pierrehumbert, J. (1980). The phonology and phonetics of English intonation. PhD dissertation, MIT, Cambridge, MA.
- Pierrehumbert, J. & Hirschberg, J. (1990). The meaning of intonational contours in discourse. In P. Cohen, J. Morgan & M. Pollack (eds.), *Intentions in Communication* (pp. 271–311). Cambridge, MA: MIT Press.
- Pietrzak, W. (1992). *Język Migowy dla Pedagogów*. Warsaw: WSiP.
- Pigliacampo, R. (2001). *Il genio negato: Giacomo Carbonieri psicolinguista sordomuto del XIX secolo*. Siena: Cantagalli.
- Pinsonneault, D. (1999). *Lexique des Signes Utilisés par les Sourds au Mali*. Mali: Editions Donniya.
- Pitman, Isaac (1837). *Stenographic Soundhand*. London: Samuel Bagster.
- Pizzuto, E. (1987/2004). Aspetti morfosintattici. In V. Volterra (ed.), *La Lingua Italiana dei Segni: La Comunicazione Visivo, Gestuale dei Sordi*. 2nd edn (pp. 179–209). Bologna: Il Mulino.

- Pizzuto, E. (2002). The development of Italian Sign Language (LIS) in deaf preschools. In G. Morgan & B. Woll (eds.), *Directions in Sign Language Acquisition* (pp. 77–114). Amsterdam: John Benjamins Associates.
- Pizzuto, E. & Wilcox, S. (2001). *A Study of Modal Verbs, Subjectivity, and Gesture in Italian Sign Language*. Final Report, Italian National Research Council, Short Term Mobility Grant Programme, Rome.
- Plann, S. (1997). *A Silent Minority: Deaf Education in Spain, 1550–1835*. Berkeley, CA: University of California Press.
- Plum, O. M., Søndergaard, L., Artmann, D., Kjær Sørensen, R., Hagedorn-Olsen, O. & Pedersen, A. (1979). *Dansk-tegnordbog*. København, Denmark: Danske Døves Landsforbund.
- Poggi, I. (2007). *Minds, Hands, Face and Body: A Goal and Brief View of Multimodal Communication*. Buchverlag, Berlin: Weidler.
- Polich, L. (2000). The search for proto-NSL: Looking for the roots of the Nicaraguan Deaf community. In M. Metzger (ed.), *Bilingualism and Identity in Deaf Communities*, Vol. VI (pp. 255–305). Washington, DC: Gallaudet University Press.
- (2005). *The Emergence of the Deaf Community in Nicaragua: "With Sign Language You Can Learn So Much."* Washington, DC: Gallaudet University Press.
- Pollock, J.-Y. (1989). Verb movement, UG, and the structure of IP. *Linguistic Inquiry*, **20**, 365–424.
- Pralat-Pyrzewicz, I. & Bajewska, J. (1994). *Jezyk Migowy w Szkole i Internacie*. Warsaw: WSiP.
- Prawitz, J. (1913). *Manilla Dövstumskola 1812–1912*. Stockholm: Beckman.
- Prillwitz, S., Leven, R., von Meyenn, A., Schmidt, W. & Zienert, H. (1985). *Skizzen zueiner Grammatik der Deutschen Gebärdensprache*. Hamburg: Forschungsstelle DGS.
- Prillwitz, S., Leven, R., Zienert, H., Hanke, T. & Henning, J. (1989). *Hamburg Notation System for Sign Language: An Introductory Guide*. Hamburg: Signum.
- Pustejovsky, J. (1995). *The Generative Lexicon*. Cambridge, MA: MIT Press.
- (2000). Events and the semantics of opposition. In C. Tenny (ed.), *Events as Grammatical Objects* (pp. 445–482). Stanford, CA: Center for the Study of Language and Information (CSLI) Publications.
- Pyers, J. E. & Emmorey K. (2007). Two-Faced: How Knowledge of a Sign Language Affects facial gesture. Paper presented at the International Society for Gesture Studies, Evanston, IL.
- Pyers, J. E. & Senghas, A. (2007). Reported action in Nicaraguan and American Sign Languages: Emerging versus established systems. In P. Perniss, R. Pfau, M. Steinbach (eds.), *Visible Variation: Comparative Studies on Sign Language Structure* (pp. 279–302). Berlin: Mouton de Gruyter.
- Quadros, R. M. de (1995). *As Categorias Vazias Pronominais: Uma Análise Alternativa com Base na Língua de Sinais Brasileira e Reflexos no Processo de Aquisição*. Porto Alegre, Brazil: Pontifícia Universidade do Rio Grande do Sul (PUCRS).
- (1999). Phrase structure of Brazilian Sign Language. PhD dissertation, Pontifícia Universidade Católica do Rio Grande do Sul, Porto Alegre, Brazil.
- (2003). Phrase structure of Brazilian Sign Language. In A. Baker, B. van den Bogaerde & O. Crasborn (eds.), *Cross-Linguistic Perspectives in Sign Language Research: Selected Papers from TISLR 2000* (pp. 141–162). Hamburg: Signum.
- (2004). *O 'bi' em Bilingüismo na Educação de Surdos*. Unpublished manuscript, Universidade Federal de Santa Catarina.
- Quadros, R. M. de & Lillo-Martin, D. (2007). Gesture and the acquisition of verb agreement in sign languages. In H. Caunt-Nulton, S. Kulatilake & I. Woo (eds.), *BUCLD 31*:

- Proceedings of the Thirty-First Annual Boston Conference on Language Development* (pp. 520–531). Somerville, MA: Cascadilla Press.
- Quadros, R. M. de, Lillo-Martin, D. & Chen-Pichler, D. (2004). Clause structure in LSB and ASL. Paper presented at the Deutschen Gesellschaft für Sprachwissenschaft (DGfS), [German Linguistics Association], Mainz, Germany.
- Quer, J. (2005). Context shift and indexical variables in sign language. In E. Georgala & J. Howell (eds.), *Proceeding from Semantics and Linguistic Theory 15* (pp. 152–168). Ithaca, NY: CLC Publications.
- Quer, J. & Frigola, S. (2006). Cross-linguistic research and particular grammars: A case study on auxiliary predicates in Catalan Sign Language (LSC). Paper presented at the Workshop on Cross-Linguistic Sign Language Research, Max Planck Institute for Psycholinguistics, Nijmegen.
- Quigley, S. P. & Paul, P. V. (1984). *Language and Deafness*. San Diego, CA: Singular Publishing Group, INC.
- Quinto-Pozos, D. (2002). Contact between Mexican Sign Language and American Sign Language in two Texas border areas. PhD dissertation, University of Texas, Austin.
- (2007). *Sign Languages in Contact*. Washington, DC: Gallaudet University Press.
- (2008). Sign language contact and interference: ASL & LSM. *Language in Society*, **37**, 161–190.
- Quinto-Pozos, D. (2009). Code-switching between sign languages. In B. Bullock & J. Toribio (eds.), *The Cambridge Handbook of Linguistic Code-Switching* (pp. 221–237). Cambridge: Cambridge University Press.
- Raanes, E. (2006). Å gripe inntrykk og uttrykk: interaksjon og meningsdanning i døvblindes samtaler. En studie av et utvalg dialoger på taktilt norsk tegnspråk. PhD dissertation, Sor-Trondelag University College, Norway.
- Radutzky, E. (1992). *Dizionario Bilingue Elementare della Lingua Italiana dei Segni*. Roma: Edizioni Kappa.
- Rainò, P. (2004). *Henkilöviittomien synty ja kehitys suomalaisessa viittomakieliyhteisössä* [The birth and development of personal name signs in the Finnish Sign Language society]. Deaf Studies in Finland 2. Helsinki: Kuurojen Liitto ry (CD).
- Ramchand, G. (2008). *Verb Meaning and the Lexicon: A First Phase Syntax*. Cambridge: Cambridge University.
- Ramos, E. & Fletcher, T. (1998). Special education and education reform in Mexico: Providing quality education to a diverse student population. *European Journal of Special Needs Education*, **13**, 29–42.
- Ramsey, C. (1997). *Deaf Children in Public Schools: Placement, Contexts, and Consequences*. Washington, DC: Gallaudet University Press.
- (2007). Survey of Lenguaje de Señas de México. Paper presented at the Center for Research on Educational Equity, Assessment, and Teaching Excellence, University of California, San Diego.
- Ramsey, C. & Noriega, J. (2000). Niños milagrizados [Miracle-ized Children]: Language attitudes, deaf education and miracle cures in Mexico. In M. Metzger (ed.), *Bilingualism and Identity in Deaf Communities, Sociolinguistics in Deaf Communities*, Vol. VI (pp. 117–141). Washington, DC: Gallaudet University Press.
- Ramsey, C. & Ruiz Beddla, F. (2004). Where there is no school: The Mexican Sign Language network and Language Transmission across Generations. Paper presented at the Eighth International Conference on Theoretical Issues in Sign Language Research (TISLR 8), Barcelona.
- (2006). *Seeking Sign Language in Two Contexts: With and Without a School*. Poster presented at the Ninth International Conference on Theoretical Issues in Sign Language Research (TISLR 9), Florianópolis, Brazil.

- (in press). *The Deaf People who Spell: The Surviving Students of the Mexican National School for the Deaf*. Washington, DC: Gallaudet University Press.
- Rathmann, C. (2000). The optionality of agreement phrase: Evidence from signed languages. Master's thesis, University of Texas, Austin.
- Rathmann, C. (2005). Event Structure in American Sign Language. Doctoral Dissertation, University of Texas, Austin.
- Rathmann, C. & Mathur, G. (2002). Is verb agreement different cross-modally? In R. Meier, K. Cormier & D. Quinto-Pozos (eds.), *Modality and Structure in Signed and Spoken Languages* (pp. 370–404). Cambridge: Cambridge University Press.
- (2004). Verb agreement as a linguistic innovation in signed languages. Paper presented at the Eighth Conference on Theoretical Issues in Sign Language Research (TISLR 8), Barcelona.
- (2005). Unexpressed features of verb agreement in signed languages. In G. Booij, E. Guevara, A. Ralli, S. SgROI & S. Scalise (eds.), *Morphology and Linguistic Typology: Proceedings of the Fourth Mediterranean Morphology Meeting (MMM4)* (pp. 235–250). Bologna: University of Bologna. Available at <http://morbo.lingue.unibo.it/mmm/>.
- (2008). Verb agreement as a linguistic innovation in signed languages. In J. Quer (ed.), *Signs of the Time: Selected Papers from TISLR 2004* (pp. 193–218). Hamburg: Signum.
- Rathmann, C., Mathur, G. & Meier, R. P. (2003). From gesture to verb agreement. Paper presented at the Proceedings of the International Society for Gesture Studies, Austin, TX.
- Reddy, M. (1979). The conduit metaphor: A case of frame conflict in our language about language. In A. Ortony (ed.), *Metaphor and Thought* (pp. 164–201). Cambridge: Cambridge University Press.
- Rée, J. (1999). *I See a Voice: Language, Deafness and the Senses: A Philosophical History*. London: Harper Collins.
- Regional Bureau of Education for Latin America and the Caribbean. (2007a). *Quality Education for All: A Human Rights Issue*. Santiago: United Nations Educational, Scientific and Cultural Organization (UNESCO).
- (2007b). *The State of Education in Latin America and the Caribbean Guaranteeing Quality Education for All*. Santiago: United Nations Educational, Scientific and Cultural Organization (UNESCO).
- Reilly, J. & Anderson, D. (2002). FACES: The acquisition of non-manual morphology in ASL. In G. Morgan & B. Woll (eds.), *Directions in Sign Language Acquisition* (pp. 159–181). Amsterdam: John Benjamins Associates.
- Rhodes, R. (2000). School psychology and special education in Mexico: An introduction for practitioners. *School Psychology International*, 21(3), 252–264.
- Riberio Hutzler, C. (1994). Are deaf children “allowed” signing? In C. J. Erting, R. C. Johnson, D. L. Smith & B. D. Snider (eds.), *The Deaf Way: Perspectives from the International Conference on Deaf Culture* (pp. 811–816). Washington, DC: Gallaudet University Press.
- Rissanen, T. (1998). The categories of nominals and verbals and their morphology in Finnish Sign Language. Licentiate thesis in General Linguistics, Department of Finnish and General Linguistics, University of Turku, Finland.
- Romeo, O. (1991). *Dizionario dei Segni. La Lingua dei Segni in 1400 Immagini*. Bologna: Zanichelli.
- Rosenstein, O. (2001). ISL as a topic prominent language. Master's thesis, University of Haifa.
- Rosellini, T. L. (1998). *Adama, the Fulani Magician* [Documentary]. Santa Cruz, CA: African Family Films.
- Royal Commission. (1889). *On the Education of the Blind, Deaf and Dumb*. London: Her Majesty's Stationery Office (HMSO).

- Royal National Institute for the Deaf. (1981). *Sign and Say*. London: The Royal National Institute for Deaf and Hard of Hearing People (RNID).
- Russo, T. (2005). A cross-cultural, cross-linguistic analysis of metaphors in two Italian Sign Language registers. *Sign Language Studies*, **5**, 333–359.
- Russo, T., Giuranna, R. & Pizzuto, E. (2001). Italian Sign Language (LIS) poetry: Iconic properties and structural regularities. *Sign Language Studies*, **2**(1), 84–112.
- Saito, M. (1985). Some asymmetries in Japanese and their theoretical implications. PhD dissertation, MIT, Cambridge, MA.
- Salmi, E. & Laakso, M. (2005). *Maahan Lämpimään: Suomen Viittomakielisten Historia..* Helsinki: Kuurojen Liitto ry.
- Sandler, W. (1986). The spreading hand autosegment of American Sign Language. *Sign Language Studies*, **50**, 1–28.
- (1989). *Phonological Representation of the Sign: Linearity and Nonlinearity in American Sign Language*. Dordrecht: Foris.
- (1993). A sonority cycle in American Sign Language. *Phonology*, **10**, 243–279.
- (1996a). Phonological features and feature classes: The case of movements in sign language. *Lingua*, **98**, 197–220.
- (1996b). Representing handshapes. *International Review of Sign Language Linguistics*, **1**, 115–158.
- (1999a). Prosody in two natural language modalities. *Language and Speech*, **42**(2/3), 127–142.
- (1999b). The medium and the message: Prosodic interpretation of linguistic content in Israeli Sign Language. *Sign Language and Linguistics*, **2**(2), 187–215.
- (1999c). Cliticization and prosodic words in a sign language. In T. Hall & U. Kleinhenz (eds.), *Studies on the Phonological Word* (pp. 223–255). Amsterdam: John Benjamins Associates.
- Sandler, W. & Lillo-Martin, D. (2006). *Sign Language and Linguistic Universals*. Cambridge/ New York: Cambridge University Press.
- Sandler, W., Meir, I., Padden, C. & Aronoff, M. (2005). The emergence of grammar: Systematic structure in a new language. *Proceedings of the National Academy of Sciences*, **102**, 2656–2665.
- Santillán, M. (1994). The Ecuadorian Deaf community: History of the Deaf in Ecuador and the moment of awareness. In C. J. Erting, R. C. Johnson, D. L. Smith & B. D. Snider (eds.), *The Deaf Way: Perspectives from the International Conference on Deaf Culture* (pp. 119–122). Washington, DC: Gallaudet University Press.
- Sapir, E. (1925). Sound patterns in language. *Language*, **1**, 37–51.
- Sapountzaki, G. (2005). Free functional elements of tense, aspect, modality and agreement as possible auxiliaries in Greek Sign Language. PhD dissertation, Centre of Deaf Studies, University of Bristol.
- Sasaki, D. (2003). Comparing the lexicon of sign languages in East Asia: A preliminary study focusing on the influence of Japanese Sign Language on Taiwan Sign Language. Unpublished manuscript, University of Texas, Austin.
- Saussure, F. de (1916). *Cours de Linguistique Générale*. Paris: Payot. [*Course in General Linguistics*. 10th printing, Peru, IL: Open Court Publishing, 2000]
- Schalber, K. (2004). Phonological visibility of event structure in Austrian Sign Language: A comparison of ASL and ÖGS. Master's thesis, Purdue University., West Lafayette, IN.
- Schalber, K. (2006). Event visibility in Austrian Sign Language (ÖGS). *Sign Language & Linguistics*, **9**(1/2), 207–231.
- Schalber, K., & Grose, D. (2006). The semantics, syntax and phonology of event related nonmanuals in two sign languages. Paper presented at the Ninth Conference on Theoretical Issues in Sign Language Research (TISLR 9), Florianópolis, Brazil.

- Schein, J. D. (1968). *The Deaf Community: Studies in the Social Psychology of Deafness*. Washington, DC: Gallaudet University Press.
- Schein, J. D. & Delk, M. T. J. (1974). *The Deaf Population of the United States*. Silver Spring, MD: The National Association of the Deaf.
- Schembri, A. (2002). The representation of motion events in signed language and gesture. In R. Schulmeister & H. Reinitzer (eds.), *Progress in Sign Language Research: In Honor of Siegmund Prillwitz* (pp. 99–125). Hamburg: Signum.
- (2003). Rethinking “classifiers” in signed languages. In K. Emmorey (ed.), *Perspectives on Classifier Constructions in Sign Languages* (pp. 3–34). Mahwah, NJ: Lawrence Erlbaum Associates.
- Schembri, A. & Johnston, T. (2006). Sociolinguistic variation in Australian Sign Language Project: Grammatical and lexical variation. Paper presented at the Ninth International Conference on Theoretical Issues in Sign Language Research (TISLR 9), Universidade Federal de Santa Catarina, Florianópolis, Brazil.
- (2007). Sociolinguistic variation in the use of fingerspelling in Australian Sign Language (Auslan): A pilot study. *Sign Language Studies*, 7(3), 319–347.
- Schembri, A., Jones, C. & Burnham, D. (2005). Comparing action gestures and classifier verbs of motion: Evidence from Australian Sign Language, Taiwan Sign Language, and nonsigners’ gesture without speech. *Journal of Deaf Studies and Deaf Education*, 10, 272–290.
- Schembri, A., Johnston, T. & Goswell, D. (2006). NAME dropping: Location variation in Australian Sign Language. In C. Lucas (ed.), *Multilingualism and Sign Languages: From the Great Plains to Australia* (pp. 121–156). Sociolinguistics in Deaf Communities, Vol. 12. Washington, DC: Gallaudet University Press.
- Schembri, A., Cormier, K., Deuchar, M., Elton, F., Sutton-Spence, R., Turner, G. & Woll, B. (2007). The British Sign Language Corpus Project. Paper presented at the UK Council on Deafness Annual Deafness Conference, London.
- Schermer, G. M. (1985). Analysis of natural discourse of deaf adults in the Netherlands: Observations of Dutch Sign Language. In W. C. Stokoe & V. Volterra (eds.), *SLR '83: Proceedings of the Third International Symposium on Sign Language Research, Rome, June 22–26, 1983* (pp. 269–273). Rome/Silver Spring, MD: CNR (Consiglio Nazionale delle Ricerche)/Linstok Press.
- (1990). In search of a language: Influences from spoken Dutch on Sign Language of the Netherlands. PhD dissertation, University of Amsterdam.
- (2003). From variant to standard: An overview of the standardization process of the lexicon of sign language of the Netherlands over two decades. *Sign Language Studies*, 3(4), 469–486.
- (2004). Lexical variations in Sign Language of the Netherlands. In M. van Herreweghe & M. Vermeerbergen (eds.), *To the Lexicon and Beyond: Sociolinguistics in European Deaf Communities* (pp. 91–110). Washington, DC: Gallaudet University Press.
- Schermer, G. M. & Harder, R. (1985). Lexical variation in Dutch Sign Language: some implications for language planning. In B. T. Tervoort (ed.), *Signs of Life: Proceedings of the Second European Congress on Sign Language Research*, (pp. 134–141). Amsterdam: University of Amsterdam.
- Schermer, G. M. & Koohof, C. (1990). The reality of time-lines: Aspects of tense in SLN. In S. Prillwitz & T. Vollhaber (eds.), *Current Trends in European Sign Language Research: Proceedings of the Third European Congress on Sign Language Research*. (pp. 295–305). Hamburg: Signum.
- Schermer, G. M., Brien, D. & Brennan, M. (2001). Developing linguistic specifications for a sign language database: The development of Signbase. *Sign Language and Linguistics*, 4(1/2), 253–274.

- Schermer, G. M. Harder, R. & Bos, H. (1988). *Handen uit de Mouwen: Gebaren uit de Nederlandse Gebarentaal in kaart gebracht*. Amsterdam: NSDSK/Dovenraad.
- Schermer, T. (2001). The role of mouthings in Sign Language of the Netherlands: Some implications for the production of sign language dictionaries. In P. Boyes Braem & R. Sutton-Spence (eds.), *The Hands Are the Head of the Mouth: The Mouth as Articulator in Sign Language* (pp. 273–284). Hamburg: Signum.
- Schermer, T., Geuze, J., Koolhof, C., Meijer, E. & Muller, S. (2006). *Standaard Lexicon Nederlandse Gebarentaal, Deel 1 en 2 (DVD-ROM)*. Bunnik: Nederlands Gebarententrum.
- Schmaling, C. (2000). *Maganaṅ Hannu: Language of the Hands: A Descriptive Analysis of Hausa Sign Language*. Hamburg: Signum. (International Studies on Sign Language and Communication of the Deaf; vol. 35)
- (2001). ASL in northern Nigeria: Will Hausa Sign Language survive? In V. Dively, A. Baer, M. Metzger & S. Taub (eds.), *Signed Languages: Discoveries from International Research* (pp. 180–193). Washington DC: Gallaudet University Press.
- Schmid, M. A. (1980). Co-occurrence restrictions in negative, interrogative, and conditional clauses: A cross-linguistic study. PhD dissertation, SUNY Buffalo, New York.
- Schröder, O.-I. (1993). Introduction to the history of Norwegian Sign Language. In R. Fischer & Lane, H. (eds.), *Looking Back: A Reader on the History of Deaf Communities and Their Sign Languages* (pp. 231–248). Hamburg: Signum.
- Scobbie, J. (1997). *Autosegmental Representation in a Declarative Constraint-Based Framework*. New York/London: Garland Press [Original dissertation title: Attribute value phonology. Edinburgh].
- Scott, D., Carmi, R., Eldebour, K., Duyk, G., Stone, E. & Sheffield, V. (1995). Nonsyndromic autosomal recessive deafness is linked to the DFNB1 locus in a large inbred Bedouin family from Israel. *American Journal of Human Genetics*, **57**, 965–968.
- Sebba, M. (1997). *Contact Languages*. New York: St. Mark's Press.
- Seely, D. R., Gloyd, S. S., Wright, A. D. & Norton, J. (1995). Hearing loss prevalence and risk factors among Sierra Leonean children. *Archives of Otolaryngology Head and Neck Surgery*, **121**, 8.
- Seidl, A. (2001). *Minimal Indirect Reference: A Theory of the Syntax–Phonology Interface*. New York: Routledge.
- (2007). Infants' use and weighting of prosodic cues in clause segmentation. *Journal of Memory and Language*, **57**, 24–48.
- Selkirk, E. (1982). The syllable. In H. van der Hulst & N. Smith (eds.), *The Structure of Phonological Representation*, Vol. II (pp. 337–383). Dordrecht: Foris.
- (1984). *Phonology and Syntax: The Relation Between Sound and Structure*. Cambridge, MA: MIT Press.
- (1995). Sentence prosody: Intonation stress and phrasing. In J. Goldsmith (ed.), *The Handbook of Phonological Theory* (pp. 550–569). London: Blackwell.
- (2005). Comments on intonational phrasing in English. In S. Frota, M. Vigario & J. Freitas (eds.), *Prosodies: Selected Papers from the Phonetics and Phonology in Iberia Conference, 2003* (pp. 11–58). Berlin: Mouton de Gruyter.
- Senghas, A. (2003). Intergenerational influence and ontogenetic development in the emergence of spatial grammar in Nicaraguan Sign Language. *Cognitive Development*, **18**(4), 511–531.
- Senghas, A., Kita, S. & Özyürek, A. (2004). Children creating core properties of language: Evidence from an emerging Sign Language in Nicaragua. *Science*, **305**(5691), 1779–1782.
- Senghas, A., Roman, D. & Mavillapalli, S. (eds.), *Simply Unique: What the Nicaraguan Deaf Community Can Teach the World*. London/Managua: Leonard Cheshire International.

- Senghas, A., Coppola, M., Newport, E. & Supalla, T. (1997). Argument structure in Nicaraguan Sign Language: The emergence of grammatical devices. In E. Hughes, M. Hughes & A. Greenhill (eds.), *BUCLD 21: Proceedings of the Twenty-First Annual Boston University Conference on Language Development* (pp. 550–561). Somerville, MA: Cascadilla Press.
- Senghas, R. J. (2003). New ways to be deaf in Nicaragua: Changes in language, personhood, and community. In L. Monaghan, K. Nakamura, C. Schmaling & G. H. Turner (eds.), *Many Ways to Be Deaf: International, Linguistic, and Sociocultural Variation* (pp. 260–282). Washington, DC: Gallaudet University Press.
- Serpell, R. & Mbewe, M. (1990). Dialectal flexibility in sign language in Africa. In C. Lucas (ed.), *Sign Language Research Theoretical Issues*. Washington, DC: Gallaudet University Press.
- Shaffer, B. (2000). A syntactic, pragmatic analysis of the expression of necessity and possibility in American Sign Language. PhD dissertation, University of New Mexico, Albuquerque.
- Shahin, H., Walsh, T., Sobe, T., Lynch, E., King, M., Avraham, K. & Kanaan, M. (2002). Genetics of congenital deafness in the Palestinian population: Multiple connexin 26 alleles with shared origins in the Middle East. *Human Genetics*, **110**, 284–289.
- Shannon, C. E. & Weaver, W. (1949). *The Mathematical Theory of Communication*. Urbana, IL: University of Illinois Press.
- Shepard-Kegl, J. (1985). Locative relations in American Sign Language word formation syntax and discourse. PhD dissertation, MIT, Cambridge, MA.
- (2006). Deaf teachers have a critical role in effective teaching of deaf children. In A. Senghas, D. Roman & S. Mavillapalli (eds.), *Simply Unique: What the Nicaraguan Deaf Community Can Teach the World* (pp. 45–52). London, Managua: Leonard Cheshire International.
- Shuman, M. K. (1980). Culture and deafness in Mayan Indian Society: An examination of illness roles. *Medical Anthropology Newsletter*, **2**(5), 9–13.
- Shuy, R. W., Wolfram, W. & Riley, W. (1968). *A Study of Social Dialects in Detroit*. Washington, DC: Educational Resources Information Center.
- Siple, P. (1978). Visual constraints for sign language communication. *Sign Language Studies*, **19**, 97–112.
- Skarzynski, H. (2004). Nowa era w otoczeniu. *Audiofonologia*, **25**, 11–17.
- Skliar, C., & Quadros, R. M. de (2004). Bilingual deaf education in the south of Brazil. *Bilingual Education and Biligualism*, **7**(5), 368–380.
- Skolöverstyrelsen. (1983). *Läroplan för Specialskolan. Kompletterande Föreskrifter till LGr80*. Stockholm: Liber Utbildningsförlaget.
- Slobin, D. I. (2006). Issues of linguistic typology in the study of sign language development of deaf children. In B. Schick, M. Marschark & P. E. Spencer (eds.), *Advances in the Sign Language Development of Deaf Children* (pp. 20–45). Oxford: Oxford University Press.
- Slobin, D. I. & Hoiting, N. (1994). Reference to movement in spoken and signed languages: Typological considerations. In S. Gahl, A. Dolbey & C. Johnson (eds.), *Proceedings of the Twentieth Annual Meeting of the Berkeley Linguistics Society*, **20** (pp. 487–505). Berkeley, CA: University of California.
- Slobin, D. I., Hoiting, N., Anthony, M., Biederman, Y., Kuntze, K., Lindert, R., Pyers, J., Thumann, H. & Weinberg, A. (2001). Sign language transcription at the level of meaning components: Berkeley Transcription System (BTS). *Sign Language and Linguistics*, **4**, 63–96.
- Slobin, D. I., Hoiting, N., Kuntze, M., Lindert, R., Weinberg, A., Pyers, J., Anthony, M., Biederman, Y., & Thumann, H. (2003). A cognitive/functional perspective on the

- acquisition of “classifiers.” In K. Emmorey (ed.), *Perspectives on Classifier Constructions in Sign Languages* (pp. 271–296). Mahwah, NJ: Lawrence Erlbaum Associates.
- Smith, C. R. (2007). “Almost” in ASL: Insights into event structure. Master’s thesis, Purdue University, West Lafayette, IN.
- Smith, E. (2003). “Deaf Ways”: The literacy teaching strategies of deaf teachers in New Zealand. Master’s thesis, Victoria University of Wellington.
- Smith, W. (1989). The morphological characteristics of verbs in Taiwan Sign Language. Doctoral Dissertation, Indiana University, Bloomington.
- (1990). Evidence for auxiliaries in Taiwan Sign Language. In S. Fischer & P. Siple (eds.), *Theoretical Issues in Sign Language Research (TISLR)*. Vol. I: *Linguistics* (pp. 211–228). Chicago, IL: University of Chicago Press.
- (2005). Taiwan Sign Language: An historical overview. *Language and Linguistics*, **6**, 187–215.
- Sohn, H.-M. (1999). *The Korean Language*. Cambridge: Cambridge University Press.
- Sorin-Barreteau, L. (1996). Le Langage Gestuel des Mofu-Gudur au Cameroun. Doctoral Dissertation, University of Paris V-René Descartes.
- Souza Campello, A. R. S. (1994). The origin of the Deaf community in Brazil. In C. J. Erting, R. C. Johnson, D. L. Smith & B. D. Snider (eds.), *The Deaf Way: Perspectives from the International Conference on Deaf Culture* (pp. 117–118). Washington, DC: Gallaudet University Press.
- Statistics New Zealand. (2001). *New Zealand Disability Survey Snapshot 6: Sensory Disabilities*. Wellington: Statistics New Zealand.
- Steele, S. (1978). Word order variation: A typological study. In J. Greenberg, C. Ferguson & E. Moravcsik (eds.), *Universals of Human Language*. Vol. IV: *Syntax* (pp. 585–623). Stanford, CA: Stanford University Press.
- Steinbach, M. & Pfau, R. (2007). Grammaticalization of auxiliaries in sign language. In P. Perniss, R. Pfau & M. Steinbach (eds.), *Visible Variation: Cross-Linguistic Studies on Sign Language Structure* (pp. 303–339). Berlin: Mouton de Gruyter.
- Steriade, D. (1995). Underspecification and markedness. In J. Goldsmith (ed.), *Handbook of Phonological Theory* (pp. 114–174). Oxford/Cambridge, MA: Blackwell.
- Stevenson, R. C. (1969). *Bagirmi Grammar*. (Linguistic Monograph Series 3) Research Unit, University of Khartoum.
- Stocker, K. (2002). Cochlea-Implantat, Gebärdens und Frühschriftsprache. PhD dissertation, University of Zurich. Zurich: Edition Schweizerische Zentralstelle für Heilpädagogik (SZH).
- Stokoe, W. (1960). *Sign Language Structure: An Outline of the Visual Communication Systems of the American Deaf*. Buffalo, NY: University of Buffalo. (Occasional Papers 8)
- (1969). Sign Language diglossia. *Studies in Linguistics*, **21**, 27–41.
- (1991). Semantic Phonology. *Sign Language Studies*, **71**, 107–114.
- Stokoe, W., Casterline, D. & Croneberg, C. (1965). *A Dictionary of American Sign Language on Linguistic Principles*. Silver Spring, MD: Linstok Press. Repr. 1976.
- Stone, C. & Woll, B. (2008). Dumb O Jemmy and others: Deaf people, interpreters and the London courts in the 18th and 19th centuries. *Sign Language Studies*, **8**(3), 226–240.
- Stroombergen, M. & Schermer, G. M. (1988). *Notatiesysteem Voor Nederlandse gebaren*. [Notationsystem for Dutch Signs]. Amsterdam: NSDSK.
- Suleiman, Y. (2003). *The Arabic Language and National Identity*. Edinburgh: Edinburgh University Press.
- Supalla, S. (1991). Manually Coded English: The modality question in signed language development. In P. Siple & S. Fischer (eds.), *Theoretical Issues in Sign Language Research (TISLR)*. Vol. II: *Psychology* (pp. 85–110). Chicago, IL: University of Chicago Press.

- Supalla, S., Cripps, J. H. & McKee, C. (2008). *Revealing Sound in the Signed Medium Through an Alphabetic System*. Poster presented at the First SignTyp Conference, Storrs, CT, June 2008.
- Supalla, T. (1982). Structure and acquisition of verbs of motion and location in American Sign Language. PhD dissertation, University of California, San Diego.
- (1985). The classifier system in American Sign Language. In C. Craig (ed.), *Noun Classification and Categorization* (pp. 181–214). Philadelphia, PA: John Benjamins Associates.
- (1997). An implicational hierarchy in verb agreement in American Sign Language. Unpublished manuscript, University of Rochester, NY.
- (2003). Revisiting visual analogy in ASL classifier predicates. In K. Emmorey (ed.), *Perspectives on Classifier Constructions in Sign Languages* (pp. 249–257). Mahwah, NJ: Lawrence Erlbaum Associates.
- (2004). The validity of the Gallaudet lecture films. *Sign Language Studies*, **4**, 261–292.
- Supalla, T. & Newport, E. (1978). How many seats in a chair? The derivation of nouns and verbs in ASL. In P. Siple (ed.), *Understanding Language Through Sign Language Research* (pp. 91–132). New York: Academic Press.
- Sutermeister, E. (1929). *Quellenbuch zur Geschichte des Schweizerischen Taubstummenwesens*. Bern: Self-Published.
- Sutton-Spence, R. & Boyes Braem, P. (2001). Introduction. In P. Boyes Braem & R. Sutton-Spence (eds.), *The Hands Are the Head of the Mouth. The Mouth as Articulator in Sign Languages* (pp. 1–7). Hamburg: Signum.
- Sutton-Spence, R. & Woll, B. (1993). The status and functional role of fingerspelling in BSL. In M. Marschark & D. Clark (eds.), *Psychological Perspectives on Deafness* (pp. 185–207). Mahwah, NJ: Lawrence Erlbaum Associates.
- (1999). *The Linguistics of British Sign Language: An Introduction*. Cambridge: Cambridge University Press.
- Sutton-Spence, R., Woll, B. & Allsop, L. (1990). Variation and recent change in fingerspelling in British Sign Language. *Language Variation and Change*, **2**, 313–330.
- Suwayd, A. (1992). *Al-qamus al-ishari*. Tripoli, Libya: Dar Al-Madinah Al-Kadeemah Lil-kitab.
- Svorou, S. (1994). *The Grammar of Space*. Amsterdam/Philadelphia, PA: John Benjamins Associates.
- Swedish Government survey on the status of Swedish Sign Language. (1955). *Det döva barnets språk- och talutveckling*. Stockholm: Swedish Government survey on the status of Swedish Sign Language, 20.
- Swedish Government survey on the status of Swedish Sign Language. (2006a). *Teckenspråk och teckenspråkiga. Kunskaps- och forskningsöversikt*. Stockholm: Swedish Government survey on the status of Swedish Sign Language, 29.
- Swedish Government survey on the status of Swedish Sign Language. (2006b). *Teckenspråk och teckenspråkiga. Översyn av teckenspråkets ställning*. Stockholm: Swedish Government survey on the status of Swedish Sign Language, 54.
- Świdziński, M. (1998). Bardzo wstępne uwagi o opisie gramatycznym Polskiego Języka Migowego. Część I. *Audiofonologia*, **12**, 69–83.
- Świdziński, M. & Czajkowska-Kisil, M. (1998). Czy głuchoniemy jest naprawdę niemy? *Kosmos*, **47**, 243–250.
- Swisher, V., Christie, K. & Miller, S. (1989). The reception of signs in peripheral vision by deaf persons. *Sign Language Studies*, **63**, 99–125.
- Szagan, G. (2003). Spracherwerb bei Kindern mit Cochlear-Implantat im Vergleich mit normal hörenden Kindern. *DFGS forum (Deutscher Fachverband für Gehörlosen- und Schwerhörigenpädagogik)*, **11**, 71–82.

- Szczepankowski, B. (1973). *Problemy Rehabilitacji Inwalidów Słuchu*. Warsaw: PZG.
- (1988). *Podstawy Języka Migowego*. Warsaw: WSiP.
- (1996). *Zarys historii stowarzyszeń głuchoniemych 1876–1946*. Warsaw: PZG.
- (1999). *Niesłyszacy – Głusi – Głuchoniemi. Wyrównywanie Szans*. Warsaw: WSiP. Spółka Akcyjna.
- (2001). O języku migowym, języku migany i systemie językowo-migowym. In J. Kobosko (ed.) *Blżej Życia. Materiały dla Rodziców Dzieci i Młodzieży z Wada Słuchu* (pp. 231–237). Warsaw: Stowarzyszenie Przyjaciół Osób Niesłyszających i Niedosłyszających “Człowiek-Człowiekowi.”
- Sze, F. (2008). Blinks and intonational phrases in Hong Kong Sign Language. In J. Quer (ed.), *Signs of the Time: Selected Papers from TISLR 2004* (pp. 83–107). Hamburg: Signum.
- Tagliamonte, S. (2007). Quantitative analysis. In R. Bayley & C. Lucas (eds.), *Sociolinguistic Variation: Theories, Methods, and Applications* (pp. 190–214). Cambridge: Cambridge University Press.
- Tai, J. H.-Y. & Su, S-F. (2006). Taiwan shouyu de huying gangshi [Agreement in Taiwan Sign Language]. *Language and Linguistics, Monograph Series Number W-5*, 341–363.
- Takkinen, R. (1995). The Finnish Sign Language as the second language of a hearing family. In H. Bos & T. Schermer (eds.), *Proceedings of the Fourth European Congress on Sign Language Research, Munich, Germany* (pp. 231–240). Hamburg: Signum.
- (2002). Käsimuotojen Salat: Viittomakielisten lasten käsimuotojen omaksuminen 2–7 vuoden iässä. Deaf Studies in Finland. Helsinki: Kuurojen Liitto ry.
- Takkinen, R., Jokinen, M. & Sandholm, T. (2000). Comparing language and interaction skills of deaf children living in a native and non-native language environment. In *XIII World Congress of the Deaf Proceedings* (pp. 342–355). Brisbane: Australian Association of the Deaf.
- Talmy, L. 1975. Semantics and syntax of motion. In J. P. Kimball (ed.), *Syntax and Semantics*, (pp. 181–238). New York: Academic Press.
- (1991). Path to realization: A typology of event conflation. *Berkeley Linguistics Society*, 17, (pp. 480–519). Berkeley, CA: University of California.
- (2000). *Toward a Cognitive Semantics*. Cambridge, MA: MIT Press.
- Tamomo, S. (1994). *Le Langage des Signes du Sourd Africain Francophone*. Cotonou, Bénin: PEFISS (Programme d'éducation de formation et d'intégration social des sourds).
- Tang, G. (2003). Verbs of motion and location in Hong Kong Sign Language: Conflation and lexicalization. In K. Emmorey (ed.), *Perspectives on Classifier Constructions in Sign Languages* (pp. 143–166). Mahwah, NJ: Lawrence Erlbaum Associates.
- (2006). Questions and Negations in Hong Kong Sign Language. In U. Zeshan (ed.), *Interrogative and Negative Constructions in Sign Languages* (pp. 198–224). Nijmegen: Ishara Press.
- (2007). *Dictionary of Hong Kong Sign Language*. Hong Kong: Chinese University of Hong Kong Press.
- Tang, G., Lam, S., Sze, F. & Lau, P. (2006). Acquisition of verb agreement in Hong Kong Sign Language. Paper presented at the Ninth Conference on Theoretical Issues on Sign Language Research (TISLR 9), Florianópolis, Brazil.
- Tang, G. & Yang, G. (2007). Events of motion and causation in Hong Kong Sign Language. *Lingua*, 117, 1216–1257.
- Taub, S. (2001). *Language from the Body: Iconicity and Metaphor in American Sign Language*. Cambridge: Cambridge University Press.
- Taub, S. & Galvan, D. (2001). Patterns of conceptual encoding in ASL motion descriptions. *Sign Language Studies*, 1, 175–200.

- Taylor, J. R. (2006). Where do phonemes come from? A view from the bottom. *International Journal of English Studies*, *6*(2), 19–54.
- Tennant, R. & Gluszak-Brown, M. (1998). *The American Sign Language Handshape Dictionary*. Washington, DC: Gallaudet University Press.
- Terpstra, A. & Schermer, T. (2006). 'Wat is NmG en waarom gebruik je het?' *Van Horen Zeggen* February 2006, 1–10.
- Tervoort, B. T. (1987). Dutch Sign Language. In J. van Cleve (ed.), *Gallaudet Encyclopedia of Deaf People and Deafness*, Vol. III (pp. 70–71). New York: McGraw-Hill.
- Thompson, R., Emmorey, K. & Gollan, T. H. (2005). "Tip of the fingers" experiences by deaf signers: Insights into the organization of a sign-based lexicon. *Psychological Science*, *16*(11), 856–860.
- Thompson, R., Emmorey, K. & Kluender, R. (2006). The relationship between eye gaze and verb agreement in American Sign Language: An eye-tracking study. *Natural Language and Linguistic Theory*, *24*, 571–604.
- Thrift, E. (2003). Object drop in the L1 acquisition of Dutch. Doctoral Dissertation, University of Amsterdam. Utrecht: LOT (Netherlands Graduate School of Linguistics).
- Tomaszewski, P. (2005). Rola wychowania dwujęzycznego w procesie depatologizacji głuchoty. *Polskie Forum Psychologiczne*, *10*(2), 174–190.
- Tomaszewski, P. & Rosik, P. (2002). Czy polski język migowy jest prawdziwym językiem? In G. Jastrzebowska and Z. Tarnowski (eds.), *Człowiek wobec ograniczeń: Niepełnosprawność, komunikacja, terapia* (pp. 133–164). Lublin: Wyd. Fundacja ORATOR.
- Torigoe, T. (1994). Resumptive X structures in Japanese Sign Language. In I. Ahlgren & B. Bergman (eds.), *Perspectives on Sign Language Structure* (pp. 187–200). Durham: International Sign Linguistics Association.
- Torigoe, T. (2000). Grammaticalization of pointings and oral movements in a home sign. Paper presented at the Seventh Conference on Theoretical Issues in Sign Language Research, (TISLR 7), Amsterdam.
- Tovar, L. A. (1998). Reflexiones acerca de la educación de los Sordos Colombianos para el Siglo XXI. *Lenguaje*, *26*, 24–37.
- Traugott, E. C. & Heine, B. (1991). *Approaches to Grammaticalization*. Amsterdam/Philadelphia, PA: John Benjamins Associates.
- Traugott, E. & König, E. (1991). The semantics–pragmatics of grammaticalization revisited. In E. C. Traugott & E. König (eds.), *Approaches to Grammaticalization*, Vol. I (pp. 189–218). Amsterdam: John Benjamins Associates.
- Travis, L. (2000). Event structure in syntax. In C. Tenny & J. Pustejovsky (eds.), *Events as Grammatical Objects* (pp. 145–185). Stanford, CA: Center for the Study of Language and Information (CSLI) Publications.
- Trubetzkoy, N. (1939). *Grundzüge der phonologie [Principles of Phonology]*. Göttingen: Vandenhoeck and Ruprecht (trans. 1969, University of California Press, Berkeley).
- Truckenbrodt, H. (1999). On the relation between syntactic phrases and phonological phrases. *Linguistic Inquiry*, *30*, 219–255.
- Trudgill, P. (1974). *The Social Differentiation of English in Norwich*. Cambridge: Cambridge University Press.
- Turner, G. H. (1995). Contact signing and language shift. In H. Bos & G. M. Schermer (eds.), *Sign Language Research 1994: Proceedings of the Fourth European Congress on Sign Language Research, Munich, Germany* (pp. 211–230). Hamburg: Signum.
- Tylor, E. B. (1874). *Researches Into the Early History of Mankind*. London: Murray Publishers.

- Tywonek, M. (2006). Opanowywanie języka migowego przez niesłyszące dzieci rodziców niesłyszących i słyszących. In K. Krakowiak & A. Dziurda-Multan (eds.), *Nie Głos, Ale Słowo: Przekraczanie Barier w Wychowaniu Osób z Uszkodzeniami Słuchu* (pp. 187–196). Lublin: Wydawnictwo KUL.
- Uganda National Association of the Deaf (UNAD) (2004). *Information Handbook*. Kampala: UNAD.
- Ugandan Government. (1995). *The Constitution of the Republic of Uganda*. Kampala: Law Development Centre.
- Undervisningsministeriet (1982). *Undervisningsvejledning for folkeskolen*. Vol. II: *Specialpædagogisk bistand til elever med hørevanskeligheder*. København: Undervisningsministeriet.
- (1991). *Undervisningsvejledning for folkeskolen*. Vol. V: *Tegnsprog*. København: Undervisningsministeriet.
- (2007). *Dansk tegnsprog i folkeskolen: god praksis for tilrettelæggelse og gennemførelse*. København: Undervisningsministeriet.
- UNESCO (United Nations Educational, Scientific, and Cultural Organization) (1994). *The Salamanca Statement and Framework for Action on Special Needs Education*. Spain: UNESCO.
- UNICEF. (1985). *UNICEF Report on Prevention of Deafness: Hearing Aids*. London: UNICEF.
- Valli, C. (2005). *The Gallaudet Dictionary of American Sign Language*. Washington, DC: Gallaudet University Press.
- Vallverdú, R. (2000). The sign language communities. In M. Turell (ed.), *Multilingualism in Spain: Sociolinguistic and Psycholinguistic Aspects of Linguistic Minority Groups* (pp. 183–214). Clevedon, UK: Multilingual Matters.
- van Cleve, J. (1987). *Gallaudet Encyclopedia of Deaf People and Deafness*. New York: McGraw-Hill.
- van Cleve, J. & Crouch, B. (1993). *A Place of Their Own: Creating the Deaf Community in America*. Washington, DC: Gallaudet University.
- van den Bogaerde, B. (2000). Input and Interaction in Deaf Families. Doctoral Dissertation, University of Amsterdam, Utrecht: LOT (Netherlands Graduate School of Linguistics).
- van den Bogaerde, B. & Baker, A. (1996). *Verbs in the language production of one deaf and one hearing child of deaf parents*. Paper presented at the the Fifth Conference on Theoretical Issues on Sign Language Research (TISLR 5), Montreal, Canada.
- (2005). Code mixing in mother–child interaction in deaf families. *Sign Language and Linguistics*, **8**(1/2), 155–178.
- van den Bogaerde, B. & Mills, A. E. (1994a). Word order in language input to children: SLN or Dutch. In M. Brennan, G. H. Turner & H. Graham (eds.), *Word-order Issues in Sign Language: Working Papers Presented at a Workshop Held in Durham, 18–22 September 1991*. Durham: International Sign Language Association.
- van den Bogaerde, B., Knoors, H. & Verrips, M. (1994b). *Language Acquisition with Non-Native Input*. Amsterdam: University of Amsterdam. (Amsterdam Series in Child Language Development; 2)
- van der Hulst, H. (1993). Units in the analysis of signs. *Phonology*, **10**(2), 209–241.
- (1995). The composition of handshapes. *University of Trondheim, Working Papers in Linguistics*, 1–18. Dragvoll, Norway.
- (2000). Modularity and modality in phonology. In N. Burton-Roberts, P. Carr & G. Docherty (eds.), *Phonological Knowledge: Its Nature* (pp. 207–244). Oxford: Oxford University Press.

- (2009). Brackets and grid marks or theories of primary accent and rhythm. In C. Cairns & E. Raimy (eds.), *Contemporary View on Architecture and Representations in Phonological Theory* (pp. 225–245). Cambridge, MA: MIT Press.
- van der Hulst, H. & van der Kooij, E. (2006). Phonetic implementation and phonetic pre-specification in sign language phonology. In L. Goldstein, D. Whalen, & C. Best (eds.), *Papers in Laboratory Phonology, 8* (pp. 265–286). Berlin/New York: Mouton de Gruyter.
- van der Kooij, E. (2002). *Reducing Phonological Categories in Sign Language of the Netherlands: Phonetic Implementation and Iconic Motivation*. Utrecht: LOT (Netherlands Graduate School of Linguistics).
- van der Kooij, E., Crasborn, O. & Emmerik, W. (2001). Weak drop in sign language of the Netherlands. In V. L. Dively, M. Metzger, S. Taub & A. M. Baer (eds.), *Signed Languages: Discoveries from International Research* (pp. 27–44). Washington, DC: Gallaudet University Press.
- (2006). Explaining prosodic body leans in Sign Language of the Netherlands: Pragmatics required. *Journal of Pragmatics*, **38**, 1598–1614.
- van der Leer, B. (2006). *The Italian Mobile Diphthongs: A Test Case for Experimental Phonetics and Phonological Theory*. Utrecht: LOT (Netherlands Graduate School of Linguistics).
- van Gijn, I. (2004). *The Quest for Syntactic Dependency: Sentential Complementation in Sign Language of the Netherlands*. Utrecht: LOT (The Netherlands Graduate School of Linguistics).
- van Gijn, I. & Baker, A. (2003). Testing for syntactic dependency: Some results from NGT. In A. Baker, B. van den Bogaerde & O. Crasborn (eds.), *Cross-Linguistic Perspectives in Sign Language Research: Selected Papers from Theoretical Issues in Sign Language Research (TISLR 2000)* (pp. 193–208). Hamburg: Signum.
- van Gils, G. (2007). Dove token: partner of concurrent? [Deaf interpreters: partner or competition?]. Master's thesis, Hogeschool Utrecht.
- Van Herreweghe, M. & Vermeerbergen, M. (2006). Interrogatives and negatives in Flemish Sign Language. In U. Zeshan (ed.), *Interrogative and Negative Constructions in Sign Languages* (pp. 225–256). Nijmegen: Ishara Press. (Sign Language Typology Series No. 1)
- van Lambalgen, M. & Hamm, F. (2005). *The Proper Treatment of Events*. Oxford: Blackwell.
- Vanguardia. (2005). Matricular a sordos en enseñanza regular. Available at www.vanguardia.co.cu/index.php?+pl=design/secciones/lectura/portada.tpl.html&newsid_obj_id=8954.
- Vashishta, M., Woodward, J. C. & DeSantis, S. (1985). *An Introduction to the Bangalore Variety of Indian Sign Language*. Washington, DC: Gallaudet Research Institute.
- Velásquez García, C. (1994). The birth of Ecuadorian Sign Language. In C. J. Erting, R. C. Johnson, D. L. Smith & B. D. Snider (eds.), *The Deaf Way: Perspectives from the International Conference on Deaf Culture* (pp. 123–126). Washington, DC: Gallaudet University Press.
- Vendler, Z. (1967). *Linguistics in Philosophy*. Ithaca, NY: Cornell University Press.
- Vermeerbergen, M., Leeson, L. & Crasborn, O. (2007). *Simultaneity in Signed Languages: Form and Function*. Amsterdam: John Benjamins Associates.
- Vianna Martins, R. (2006). Linguistic development and Deaf identity in rural Rio Grande do Sul, Brazil. In H. Goodstein (ed.), *Deaf Way II Reader* (pp. 336–339). Washington, DC: Gallaudet University Press.
- Vogel, H. (1999). Gebärdensprache und Lautsprache in der deutschen Taubstummepädagogik im 19. Jahrhundert. Historische Darstellung der kombinierten Methode. Master's thesis, University of Hamburg.
- (2002a). Otto Friedrich Kruse (1801–1880): Gehörloser Lehrer und Publizist. Part One. *Das Zeichen*, **15**(56), 198–207.

- (2002b). Otto Friedrich Kruse (1801–1880): Mahner gegen die Unterdrückung der Gebärdensprache. Part Two. *Das Zeichen*, **15**(57), 370–376.
- Vogt-Svendsen, M. (2001). A comparison of mouth gestures and mouthings in Norwegian Sign Language (NSL). In P. Boyes Braem & R. Sutton-Spence (eds.), *The Hands Are the Head of the Mouth: The Mouth as Articulator in Sign Language* (pp. 9–40). Hamburg: Signum.
- Voice for the Deaf. (n.d.) School today. Available at www.voiceforthe deaf.org/voiceforthe deaf/Today.html.
- Volterra, V. (1981). Gestures, signs, and words at two years: When does communication become language? *Sign Language Studies*, **33**, 351–361.
- (1987). *La lingua italiana dei segni: La comunicazione visivo-gestuale dei sordi*. Bologna: Il Mulino.
- Wallin, L. (1994). Polysynthetic signs in Swedish Sign Language. PhD dissertation, University of Stockholm.
- (1996). Polysynthetic Signs in Swedish Sign Language, translated from Polysyntetiska Tecken i Svenska Teckenspråket (1994). PhD dissertation. University of Stockholm.
- Wallin, L., Lule, D., Lutalo, S. & Busingye, B. (2006). *The Uganda Sign Language Dictionary*. Kampala: Sign Language Research Project, Kyambogo University.
- Wallvik, B. (2006). Det finländska dövsamfundets historia: några nyckelpersoners liv och leverne. In K. Hoyer, M. Londen & J. Östman (eds.), *Teckenspråk: Sociale och Historiska Perspektiv* (pp. 145–164). Helsingfors, Finland: Institutionen för nordiska språk och nordisk litteratur, Helsingfors universitet.
- Walsh, T., Rayan, A., Sa'ed, A., Shahin, H., Shepshelovich, J. et al. (2006). Genomic analysis of a heterogeneous Mendelian phenotype: Multiple novel alleles for inherited hearing loss in the Palestinian population. *Human Genome*, **2**, 203–211.
- Washbaugh, W. (1979). Hearing and deaf signers on Providence Island. *Sign Language Studies*, **24**, 191–214.
- Watson, J. (1809). *Instruction of the Deaf and Dumb*. London: Darton and Harvey.
- Widell, J. (1994). Historical phases of Deaf culture in Denmark. In C. J. Ertling, R. C. Johnson, D. L. Smith & B. D. Snider (eds.), *The Deaf Way: Perspectives from the International Conference on Deaf Culture* (pp. 212–219). Washington, DC: Gallaudet University Press.
- Wilbur, R. B. (1990). Metaphors in American Sign Language and English. In W. H. Edmondson & F. Karlsson (eds.), *SLR '87: International Symposium on Sign Language Research. Finland* (pp. 163–170). Hamburg: Signum. (International Studies on Sign Language and Communication of the Deaf; Vol. 10)
- (1993). Syllables and segments: Hold the movement and move the holds! In G. R. Coulter (ed.), *Current Issues in ASL Phonology* (pp. 135–168). New York/San Francisco, CA/London: Academic Press. (Phonetics and Phonology, 3)
- (1994a). Eyeblinks & ASL phrase structure. *Sign Language Studies*, **84**, 221–240.
- (1994b). Foregrounding structures in American Sign Language. *Journal of Pragmatics*, **22**, 647–672.
- (1997). A prosodic/pragmatic explanation for word order variation in ASL with typological implications. In M. Verspoor, K. D. Lee & E. Sweetser, (eds.) *Lexical and Syntactical Constructions and the Constructions of Meaning* (pp. 89–104). Amsterdam/Philadelphia, PA: John Benjamins Associates.
- (2000). Phonological and prosodic layering of nonmanuals in American Sign Language. In K. Emmorey & H. Lane (eds.), *The Signs of Language Revisited: Festschrift for Ursula Bellugi and Edward Klima* (pp. 213–244). Mahwah, NJ: Lawrence Erlbaum Associates.
- (2003). Representations of telicity in ASL. *Chicago Linguistic Society*, **39**, 354–368.

- (2005). A reanalysis of reduplication in American Sign Language. In B. Hurch (ed.), *Studies in Reduplication* (pp. 593–620). Berlin/New York: Mouton de Gruyter.
- (2008). Complex predicates involving events, time and aspect: Is this why sign languages look so similar? In J. Quer (ed.), *Signs of the Time: Selected Papers from TISLR 2004* (pp. 219–250). Hamburg: Signum.
- (2009). Productive reduplication in ASL, a fundamentally monosyllabic language. In M. Kenstowicz (ed.), *Data and Theory: Papers in Phonology in Celebration of Charles W. Kisseberth*. special issue of *Language Sciences* **31**, 325–342.
- Wilbur, R. B. & Allen, G. D. (1991). Perceptual evidence against internal syllable structure in American Sign Language syllables. *Language and Speech*, **34**, 27–46.
- Wilbur, R. B. & Malaia, E. (2008). *Event Visibility Hypothesis: Motion Capture Evidence for Overt Marking of Telicity in ASL*. Chicago, IL: Linguistic Society of America.
- Wilbur, R. B. & Petersen, L. (1990). Why syllables? What the notion means for ASL research. In S. Fischer, & P. Siple (eds.), *Theoretical Issues in Sign Language Research (TISLR)*, Vol. I: *Linguistics* (pp. 81–108). Chicago, IL/London: University of Chicago Press.
- (1997). Backwards signing in ASL syllable structure. *Language and Speech*, **40**, 63–90.
- Wilbur, R. B. & Schick, B. (1987). The effects of linguistic stress on ASL signs. *Language and Speech*, **30**(4), 301–323.
- Wilbur, R. B., & Patschke, C. G. (1998). Body leans and the marking of contrast in American Sign Language. *Journal of Pragmatics*, **30**, 275–303.
- (1999). Syntactic correlates of brow raise in ASL. *Sign Language & Linguistics*, **2**, 3–30.
- Wilcox, P. (2000). *Metaphor in American Sign Language*. Washington, DC: Gallaudet University Press.
- (2004). A cognitive key: Metonymic and metaphoric mappings in ASL. *Cognitive Linguistics*, **15**(2), 197–222.
- Wilcox, P. & Wilcox, S. (1995). The gestural expression of modality in American Sign Language. In J. Bybee & S. Fleischman (eds.), *Modality in Grammar and Discourse* (pp. 135–162). Amsterdam: John Benjamins Associates.
- Wilcox, S. (1992). *The Phonetics of Fingerspelling*. Amsterdam/Philadelphia, PA: John Benjamins Associates.
- (2002). The gesture-language interface: Evidence from signed languages. In R. Schulmeister & H. Reinitzer (eds.), *Progress in Sign Language Research: In Honor of Siegmund Prillwitz* (pp. 66–81). Hamburg: Signum.
- (2004a). Gesture and language: Cross-linguistic and historical data from signed languages. *Gesture*, **4**(1), 43–73.
- (2004b). Cognitive iconicity: Conceptual spaces, meaning, and gesture in signed language. *Cognitive Linguistics*, **15**(2), 119–147.
- (2005). Routes from gesture to language. *Revista da ABRALIN – Associação Brasileira de Lingüística*, **4**(1/2), 11–45.
- (2007). Routes from gesture to language. In E. Pizzuto, P. Pietrandrea & R. Simone (eds.), *Verbal and Signed Languages: Comparing Structures, Constructs and Methodologies* (pp. 107–131). Berlin: Mouton de Gruyter.
- Wilcox, S., Rossini, P. & Pizzuto, E. (2001). The interplay of subjectivity, gesture and prosody: POSSIBLE and IMPOSSIBLE in Italian Sign Language. Paper presented at the Seminar at the Institute of Psychology, National Research Council, Rome.
- Wilcox, S., Shaffer, B., Jarque, M. J., Valenti, J. M. S. I., Pizzuto, E. & Rossini, P. (2000). The emergence of grammar from word and gesture: A cross-linguistic study of modal verbs in three signed languages. Paper presented at the Seventh Conference on Theoretical Issues in Sign Language Research (TISLR 7), Amsterdam.

- Winteler, G. (1995). Ich hätte gerne geheiratet: Aus dem Leben gehörloser Frauen im 20. Jahrhundert. Master's Thesis: Höhere Fachschule für Soziokulturelle Animation, Zurich.
- Wojda, P. (1999). Język migowy – "spojrzenie od wewnątrz." In J. K. Kobosko (ed.), *Moje Dziecko Nie Słyszy: Materiały dla Rodziców Dzieci z Wada Słuchu* (pp. 166–171). Warsaw: Stowarzyszenie Przyjaciół Osób Niesłyszących i Niedosłyszących "Człowiek-Człowiekowi."
- (2000). Rola języka migowego w rodzinie dziecka niesłyszącego. In D. Kornas-Biela (ed.), *Źródło Życia i Szkoła Miłości* (pp. 491–510). Lublin: Towarzystwo Naukowe KUL.
- (2001). Czy można nauczyć się języka migowego? In J. Kobosko (ed.), *Blżej Życia: Materiały Dla Rodziców Dzieci i Młodzieży z Wada Słuchu*. Warsaw: Stowarzyszenie Przyjaciół Osób Niesłyszących i Niedosłyszących "Człowiek-Człowiekowi."
- (2005). Nieprzyzwoite Migi' we Współczesnym Polskim Języku Migowym. Postgraduate thesis: Wyższa Szkoła Pedagogiczna, Łódź.
- (2006). Język Migowy Jako Przejaw Kreatywności Językowej Osób Niesłyszących. In K. Krakowiak & A. Dziurda-Multan (eds.), *Nie Głos, ale Słowo: Przekraczanie Barier w Wychowaniu Osób z Uszkodzeniami Słuchu* (pp. 107–124). Lublin: Wydawnictwo KUL.
- Wolff, S. (2000a). Taubstümme zu glücklichen Erdnern bilden? Lehren, Lernen und Gebärdensprache am Berliner Taubstümmeninstitut. Teil I: Selbstverständlich Gebärdensprache! Ernst Adolf Eschke in der Zeit von 1788 bis 1811. *Das Zeichen*, **14**(51), 20–29.
- (2000b). Lehren, Lernen und Gebärdensprache am Berliner Taubstümmen-Institut. Teil II: Die Willkür der Zeichen. *Das Zeichen*, **14**(52), 198–207.
- (2000c). Erst bildbar? dann vorzeigbar: Karl Heinrich Wilke und seine Bilderwelt. *Das Zeichen*, **22**(78), 8–17.
- (2008). Vom Taubstümmenlehrer zum Gebärdensprachpädagogen: Die Rolle der Gebärdensprache: in einer 200-jährigen Professionsgeschichte. *Das Zeichen*, **22**(78), 8–17.
- Wolfram, W. (1969). *A Linguistic Description of Detroit Negro Speech*. Washington DC: Center for Applied Linguistics.
- Woll, B. (1981). Borrowing and change in BSL. Paper presented at the Linguistics Association of Great Britain Autumn Meeting, York.
- Woll, B. (1983). The comparative study of different sign languages. In J. Kyle (ed.), *Sign and School* (pp. 12–34). Clevedon, UK: Multilingual Matters.
- (1987). Historical and comparative aspects in BSL. In J. Kyle (ed.), *Sign and School* (pp. 12–34). Clevedon, UK: Multilingual Matters.
- (1994). The influence of television on the deaf community in Britain. In I. Ahlgren, B. Bergman & M. Brennan (eds.), *Perspectives on Sign Language Usage: Papers Presented from the Fifth International Symposium on Sign Language Research (SLR)*, Vol. I (pp. 293–301). Durham: International Sign Linguistics Association.
- (2001). The sign that dares to speak its name: Echo phonology in British Sign Language (BSL). In P. Boyes Braem & R. Sutton-Spence (eds.), *The Hands Are the Head of the Mouth: The Mouth as Articulator in Sign Languages* (pp. 87–98). Hamburg: Signum.
- Woll, B., Kyle, J. G. & Deuchar, M. (1981). Borrowing and change in BSL. Paper presented at the Linguistics Association of Great Britain Autumn Meeting, New York.
- Woll, B., Kyle, J. G. & Deuchar, M. (1983). Historical change in British Sign Language. Unpublished manuscript, University college London.
- Woll, B., Allsop, L., & Sutton-Spence, R. (1991). *Variation and Recent Change in British Sign Language: Final Report to the Economic and Social Research Council (ESRC)*. Bristol, UK: University of Bristol.

- Woll, B., Sutton-Spence, R. & Elton, F. (2001). Multilingualism: The global approach to sign languages. In C. Lucas (ed.), *The Sociolinguistics of Sign Languages* (pp. 8–32). Cambridge: Cambridge University Press.
- Wood, S. K. (1999). Semantic and syntactic aspects of negation of ASL. Master's thesis, Purdue University, West Lafayette, IN.
- Woodward, J. (1972). Implications for sign language study among the deaf. *Sign Language Studies*, **1**, 1–17.
- (1973). Implicational lects on the Deaf diglossic continuum. PhD dissertation, Georgetown University, Washington, D.C.
- (1976). Black southern signing. *Language in Society*, **5**, 211–218.
- (1978). Historical bases of American Sign Language. In P. Siple (ed.), *Understanding Language Through Sign Language Research* (pp. 333–348). New York: Academic Press.
- (1979). The selflessness of Providence Island Sign Language: Personal pronoun morphology. *Sign Language Studies*, **23**, 167–174.
- (1985). Universal constraints on two-finger adjacency and choice. *Sign Language Studies*, **46**, 53–72.
- (1987). Universal constraints across sign languages: One-finger contact handshapes. *Sign Language Studies*, **57**, 375–383.
- (1991). Sign language varieties in Costa Rica. *Sign Language Studies*, **73**, 329–346.
- (1993). The relationship of sign language varieties in India, Pakistan, and Nepal. *Sign Language Studies*, **78**, 15–22.
- (1996). Modern Standard Thai Sign Language: Influence from ASL, and its relationship to original Thai sign varieties. *Sign Language Studies*, **92**, 227–252.
- (2000). Sign languages and sign language families in Thailand and Viet Nam. In K. Emmorey & H. Lane (eds.), *The Signs of Language Revisited: An Anthology to Honor Ursula Bellugi and Edward Klima* (pp. 23–47). Mahwah, NJ: Lawrence Erlbaum Associates.
- Woodward, J., Erting, C. & Oliver, S. (1976). Facing and handling variation in American Sign Language. *Sign Language Studies*, **10**, 43–52.
- Woodward, J. & DeSantis, S. (1977). Two to one it happens: Dynamic phonology in two sign languages. *Sign Language Studies*, **17**, 329–346.
- Worseck, T. & Meyenn, A. Von (2007). Opportunities of Deaf Associations for the empowerment of Deaf and sign language communities in industrial countries. Paper presented at the Fifteenth World Congress of WFD (World Federation of the Deaf), Madrid.
- Wrigley, O. (1997). *The Politics of Deafness*. Washington DC: Gallaudet University Press.
- Yang, J. (2004). The linguistic status of finger wiggling in Chinese Sign Language interrogatives. Paper presented at the Theoretical Issues in Sign Language Research 8, Barcelona, Spain.
- Yang, J. & Fischer, S. (2002). Expressing negation in Chinese Sign Language. *Sign Language and Linguistics*, **5**, 167–202.
- Zatini, F. (1993). *Di tutto e di tutti circa il mondo della sordità (Enciclopedia)*. Firenze: Offset System.
- Zaurov, M. (2003). *Gehörlose Juden: eine doppelte kulturelle Minderheit*. Frankfurt/Main: Lang.
- Zeshan, U. (2000). *Sign Language in Indo-Pakistan: A Description of a Signed Language*. Amsterdam: John Benjamins Associates.
- (2004a). Hand, head, and face: Negative constructions in sign languages. *Linguistic Typology*, **8**, 1–58.
- (2004b). Interrogative constructions in signed languages: Cross-linguistic perspectives. *Language*, **80**(1), 7–39.

- (2006a). *Interrogative and Negative Constructions in Sign Languages*. Nijmegen: Ishara Press.
- (2006b). Negative and interrogative constructions in sign languages: A case study in sign language typology. In U. Zeshan (ed.), *Interrogative and Negative Constructions in Sign Languages* (pp. 28–68). Nijmegen: Ishara Press.
- Zhang, Q. (2001). Changing economy, changing markets: A sociolinguistic study of Chinese yuppies. PhD dissertation. Stanford University, CA.
- Zhongguo shouyu* (2003). Beijing: Huaxia.
- Zimmer, J. & Patschke, C. G. (1990). A class of determiners in ASL. In C. Lucas (ed.), *Sign Language Research: Theoretical Issues* (pp. 201–222). Washington, DC: Gallaudet University Press.
- Zuccalà, A. (1997). *Cultura del Gesto e Cultura Della Parola. Viaggio Antropologico nel Mondo dei Sordi*. Milano: Meltemi.
- Zucchi, A. (2009). Along the time line: Tense and time adverbs in Italian Sign Language. *Natural Language Semantics*, 17, 99-139.
- Zwitserlood, I. (2003). *Classifying Hand Configurations in Nederlandse Gebarentaal [Sign Language of the Netherlands]*. Utrecht: LOT (Netherlands Graduate School of Linguistics).
- Zwitserlood, I. & Nijhof, S. (1999). Pluralization in Sign Language of the Netherlands. In J. Don & T. Sanders (eds.), *Utrecht Institute of Linguistics OTS Yearbook 1998–1999* (pp. 58–78). Utrecht: UiL (Utrecht institute of Linguistics)/OTS (Onderzoeksinstituut voor Taal en Spraak).