



Here lies the handout from the talk presented at the Tilburg Conference on Rightward Movement, in Tilburg, the Netherlands, on October 7, 1994:
Carol Neidle, Judy Kegl, Benjamin Bahan, and Debra Aarons,
Rightward Wh-Movement in American Sign Language.

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More updated information about the work of the American Sign Language Linguistic Research Project is available at <<http://web.bu.edu/ASLLRP>>.

Rightward Wh-Movement in American Sign Language

Tilburg Conference on Rightward Movement

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I. Illustration of non-manual grammatical markings in ASL

1. JOHN BUY HOUSE

‘John bought a house.’

y/n

2. JOHN BUY HOUSE

‘Did John buy a house?’

wh

3. JOHN BUY WHAT

‘What did John buy?’

neg

4. JOHN NOT BUY HOUSE

‘John did not buy a house.’

II. Optional spread of non-manuals over c-command domain

neg

5. JOHN NOT [BUY HOUSE]_{VP}

‘John did not buy a house.’

neg

6. JOHN NOT [BUY HOUSE]_{VP}

‘John did not buy a house.’

wh

7. [JOHN BUY t_i YESTERDAY]_{IP} WHAT_i

‘What did John buy yesterday?’

wh

8. [JOHN BUY t_i YESTERDAY]_{IP} WHAT_i

‘What did John buy yesterday?’

III. Obligatory spread as required for realization of non-manual marking with manual material

9-a. * JOHN []_{Neg} BUY HOUSE

neg

9-b. JOHN []_{Neg} BUY HOUSE

‘John did not buy a house.’

10-a. * [[JOHN BUY WHAT YESTERDAY]_{IP} []_{C [+wh]}]

wh

10-b. * [[JOHN BUY WHAT YESTERDAY]_{IP} []_{C [+wh]}]

wh

10-c. [[JOHN BUY WHAT YESTERDAY]_{IP} []_{C [+wh]}]

‘What did John buy yesterday?’

IV. Evidence for rightward wh-movement in ASL

(see chart on next page for examples 11 through 20)

V. Evidence that it is an entire phrase that moves

21-a. JOHN SEE t YESTERDAY WHICH TEACHER TWO-OF-THEM

wh

21-b. JOHN SEE t YESTERDAY WHICH TEACHER TWO-OF-THEM

wh

‘Which of those two teachers did John see yesterday?’

IV. Evidence for rightward wh-movement

How to decide between rightward and leftward wh-movement? The labelled columns contain the sentences predicted to be grammatical assuming leftward/rightward movement. Those that are struck through represent data that are equally consistent with the alternative hypothesis, and thus not decisive.		
Apparent leftward movement ?	<i>In situ</i>	Apparent rightward movement ?
<p>13. WHO t LOVE JOHN ^{wh}</p> <p>14. *? WHO JOHN LOVE t ^{wh}</p>	<p>11. WHO LOVE JOHN ^{wh}</p> <p>12. JOHN LOVE WHO ^{wh}</p>	<p>15. t LOVE JOHN WHO ^{wh}</p> <p>16. JOHN LOVE t WHO ^{wh}</p>
<p>How to distinguish <i>in situ</i> wh-words in object position (e.g., (12)) from object wh-words in Spec of CP (e.g., (16))?</p> <ul style="list-style-type: none"> • Position with respect to IP-final adverb. 		
Evidence that (20) involves rightward movement	<p>17. [JOHN LIPREAD MARY YESTERDAY]_{IP}</p> <p>19. [JOHN LIPREAD WHO YESTERDAY]_{IP} ^{wh}</p>	<p>18. * [JOHN LIPREAD YESTERDAY MARY]_{IP}</p> <p>20. [JOHN LIPREAD t YESTERDAY]_{IP} WHO ^{wh}</p>
<p>How to distinguish <i>in situ</i> wh-words in subject position ((11)) from a subject that has moved left to Spec of CP ((13))?</p> <ul style="list-style-type: none"> • Non-manual spread distinguishes <i>in situ</i> and moved cases. 		
Evidence that (11) does not involve leftward movement:	<p>Spread over entire clause is obligatory with <i>in situ</i> wh-words:</p> <p>19'.* [JOHN LIPREAD WHO YESTERDAY]_{IP} ^{wh}</p> <p>11'.* [WHO LOVE JOHN]_{IP} ^{wh}</p>	<p>Spread over entire clause is optional with wh-words in Spec of CP:</p> <p>20'. [JOHN LIPREAD t YESTERDAY]_{IP} WHO ^{wh}</p> <p>15'. [t LOVE JOHN] ^{wh} WHO</p>

VI. Extraction to [Spec, CP] of embedded clause vs. matrix clause, with optional spread of non-manual over c-command domains

22. $[_{CP_1} [_{IP_1} \text{ JOHN WONDER } [_{CP_2} [_{IP_2} \text{ MARY BUY } t_i]_{IP_2} \overset{\text{wh}}{\text{WHAT}_i}]_{CP_2}]_{IP_1}]_{CP_1}$
23. $[_{CP_1} [_{IP_1} \text{ JOHN WONDER } [_{CP_2} [_{IP_2} \text{ MARY BUY } t_i]_{IP_2} \overset{\text{wh}}{\text{WHAT}_i}]_{CP_2}]_{IP_1}]_{CP_1}$
24. * $[_{CP_1} [_{IP_1} \text{ JOHN WONDER } [_{CP_2} [_{IP_2} \text{ MARY BUY } t_i]_{IP_2} \overset{\text{wh}}{\text{WHAT}_i}]_{CP_2}]_{IP_1}]_{CP_1}$ (on this reading)
 ‘John wonders what Mary bought.’
25. $[_{CP_1} [_{IP_1} \text{ TEACHER EXPECT } [_{CP_2} [_{IP_2} t_i \text{ PASS TEST }]_{IP_2}]_{CP_2} t_i]_{IP_1} \overset{\text{wh}}{\text{WHO}_i}]_{CP_1}$
- 26.* $[_{CP_1} [_{IP_1} \text{ TEACHER EXPECT } [_{CP_2} [_{IP_2} t_i \text{ PASS TEST }]_{IP_2}]_{CP_2} t_i]_{IP_1} \overset{\text{wh}}{\text{WHO}_i}]_{CP_1}$
27. $[_{CP_1} [_{IP_1} \text{ TEACHER EXPECT } [_{CP_2} [_{IP_2} t_i \text{ PASS TEST }]_{IP_2}]_{CP_2} t_i]_{IP_1} \overset{\text{wh}}{\text{WHO}_i}]_{CP_1}$
 ‘Who did the teacher expect to pass the test?’

VII. Rhetorical questions, with same wh-movement as wh-questions

28-a. $\overset{\text{rhq}}{\text{LOVE JOHN WHO MARY}}$

28-b. $\overset{\text{rhq}}{\text{LOVE JOHN WHO MARY}}$

‘Mary is the one John loves.’

VIII. Non-manual spread determined post-movement

29. $\overset{\text{topic}_1}{\text{JOHN}_i}, \overset{\text{wh}}{\text{YOU SEE } t_i \text{ WHERE}}$
 ‘John where did you see?’

30. $\overset{\text{wh}}{\text{YOU SEE JOHN WHERE}}$
 ‘Where did you see John?’

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Basic sentence structure for ASL (as argued for in Aarons, Bahan, Kegl & Neidle)

