

Tamara Yvonne Swaab
Curriculum Vitae
2015

PERSONAL DATA

Citizenship: The Netherlands; U.S. Permanent Resident
Married: Ron Mangun; two children, Alexander and Nicholas
Address: Dept. of Psychology and Center for Mind and Brain.
University of California, One Shields Ave, Davis, CA 95616.
Laboratory: <http://swaab.faculty.ucdavis.edu/>
E-mail: swaab@ucdavis.edu

EDUCATION

Ph.D. (1996) University of Nijmegen and Max Planck Institute for Psycholinguistics, The Netherlands (Cognitive Neuroscience)
Advisors: Prof. Peter Hagoort, Prof. Willem Levelt, and Dr. Colin Brown

B.S. (1988) University of Nijmegen (Neuropsychology)

ACADEMIC POSITIONS

2013 - Professor, Department of Psychology and Center for Mind and Brain, University of California, Davis.

2007 - 13 Associate Professor, Department of Psychology and Center for Mind and Brain, University of California, Davis.

2002 - 07 Assistant Professor, Department of Psychology and Center for Mind and Brain, University of California, Davis.

1999 - 02 Assistant Professor, Center for Cognitive Neuroscience and Department of Psychological and Brain Sciences, Duke University, Durham, North Carolina.

1998-99 Assistant Professor, Department of Psychology, University of California, Davis.

1997-98 Assistant Research Cognitive Neuroscientist, Department of Neurology, University of California, Davis.

1996-97 Postdoctoral Fellow in Cognitive Neuroscience, Center for Neuroscience, University of California, Davis

1994-96 Postgraduate Researcher in Cognitive Neuroscience, Center for Neuroscience, University of California, Davis.

1990-94 Research Associate in Cognitive Neuroscience, Max-Planck Institute for Psycholinguistics Nijmegen, The Netherlands.

1988-90 Research Assistant in Psycholinguistics, Max-Planck Institute for Psycholinguistics, Nijmegen, The Netherlands.

AWARDS AND PROFESSIONAL HONORS

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| 2007 | Fellow, Max Planck Institute for Psycholinguistics, the Netherlands |
| 2007 | Fellow, Text and Discourse Neuroimaging Workshop, the Netherlands |
| 1999 | National Science Foundation POWRE Award (Scientist Development Award) |
| 1999 | Invited Symposium Chair/Organizer, Cognitive Neuroscience Society Meeting. |
| 1997 | McDonnell-Pew Individual Investigator Award (In support of research) |
| 1997 | Finalist, Dutch Psychonomics Society Dissertation Prize: Cited as the highest placing cognitive neuroscience dissertation (Fourth place overall) |
| 1996 | Dutch Heart Foundation - Dissertation Fellowship |
| 1994-97 | McDonnell-Pew Postdoctoral Fellowship, University of California, Davis |
| 1992 | NWO (Dutch Science Foundation), Travel grant to participate in EPIC X |
| 1991 | SAN (Dutch Foundation for Aphasia), Travel grant to the Academy of Aphasia |

RESEARCH INTERESTS

Cognitive neuroscience of language processing and related cognitive systems

Auditory language comprehension

Deficits of language processing in schizophrenia

Individual differences in language processing

Human brain electrophysiology

PUBLICATIONS

Edited Special Issues

Tamara Y. Swaab. (Guest Editor). *Brain Research*, The Neural and Cognitive Underpinnings of Comprehension of Word Meanings in Context (Special Issue 2007).

Tamara Y. Swaab (Associate co-editor). *Frontiers in Psychology*. Spatiotemporal Dynamics of Language Processing in the Brain: Challenges to Traditional Models. (Special Issue 2012-2013)

Papers and Chapters

* Indicates Trainee of T.Y.S.

1. Hagoort P., Brown, C. & **Swaab, T.Y.** (1996). Lexical-semantic event-related potential effects in patients with left hemisphere lesions and aphasia, and patients with right hemisphere lesions without aphasia. *Brain*, 119, 627-649
2. Brown, C., Hagoort, P., & **Swaab, T.Y.** (1996). Neurophysiological evidence for a temporal disorganization in aphasic patients with comprehension deficits. In W. Widdig, I.M. Ohlendorff and J.-P. Malin (Eds.). *Current Aphasia Therapy*. Freiburg: Hochschulverlag. (p 89-122).

3. **Swaab, T.Y.** (1996). The functional locus of comprehension deficits in aphasia: An electrophysiological approach. *Afasiologie*, *18* (5), 255-263.
4. **Swaab, T.Y.**, Brown, C., & Hagoort, P. (1997). Spoken sentence comprehension in aphasia: Event-related potential evidence for a lexical integration deficit. *Journal of Cognitive Neuroscience*, *9*, 39-66.
5. **Swaab, T.Y.** (1998). Event-related potentials in cognitive neuropsychology: Methodological considerations and an example from studies of aphasia. *Behavior, Research Methods, Instruments and Computers*, *30*, 157-170.
6. **Swaab, T.Y.**, Brown, C., & Hagoort, P. (1998). Understanding ambiguous words in sentence contexts: Electrophysiological evidence for delayed contextual selection in Broca's aphasia. *Neuropsychologia*, *36*, 737-761.
7. **Swaab, T.Y.** (1998). Language and Brain (Chapter 8). In: Gazzaniga, M.S., R., Ivry and G.R. Mangun, *Cognitive Neuroscience: The Biology of the Mind*. (1st Edition). W.W. Norton Pub.: New York (Textbook).
8. **Swaab, T.Y.** (1999). The Neurocognition of Language. *Trends in Cognitive Sciences*, *3*, 488-489. (Invited Book Review)
9. **Swaab, T.Y.**, Baynes, K., & Knight, R.T. (2002). Separable effects of priming and imageability on word processing: An ERP study. *Cognitive Brain Research*, *15*, 99-103.
10. *Kaan, E. & **Swaab, T.Y.** (2002). The brain circuitry of syntactic comprehension. *Trends in Cognitive Science*, *6*, 350-356.
11. **Swaab, T.Y.** (2002). Language and Brain (Chapter 9). In: Gazzaniga, M.S., R., Ivry and G.R. Mangun, *Cognitive Neuroscience: The Biology of the Mind*. (2nd Edition). W.W. Norton Pub.: New York (Textbook).
12. *Kaan, E. & **Swaab, T.Y.** (2003). Repair, revision and complexity in syntactic analysis: An electrophysiological differentiation. *Journal of Cognitive Neuroscience*, *15*, 98-110.
13. **Swaab, T.Y.**, Brown, C.M., & Hagoort, P. (2003). Electrophysiological correlates of the time course of ambiguity resolution. *Brain and Language*, *86*, 326-343.
14. *Kaan, E. & **Swaab, T.Y.** (2003). Electrophysiological evidence for serial sentence processing: A comparison between non-preferred and ungrammatical continuations. *Cognitive Brain Research*, *17*, 621-635.
15. *Kaan, E., Wijnen, F., & **Swaab, T.Y.** (2004). Gapping: Electrophysical Evidence for Immediate Processing of "Missing" Verbs in Sentence Comprehension. *Brain and Language*, *89*, 584-592.
16. Giesbrecht, B., *Camblin, C.C., & **Swaab, T.Y.** (2004). Separable effects of semantic priming and imageability on word processing in human cortex. *Cerebral Cortex*, *14*, 521-529.
17. **Swaab, T.Y.**, *Camblin, C.C., & Gordon, P.C. (2004). Reversed lexical repetition effects in language processing. *Journal of Cognitive Neuroscience*, *16*, 715-726.
18. Gordon, P.C., *Camblin, C.C. & Swaab, T.Y. (2004). On-line measures of coreferential

- processing. In: M. Carreiras & C. Clifton (Eds.), *The On-line Study of Sentence Comprehension: Eyetracking, ERP and Beyond*, New York, NY: Psychology Press.
19. *Ledoux, K., *Camblin, C.C., **Swaab, T.Y.**, & Gordon, P.C (2006). Reading words in discourse: The modulation of intralexical priming effects by message-level context. *Behavioral and Cognitive Neuroscience Reviews*, 5, 107-127
 20. *Ledoux, K., Gordon, P.C., *Camblin, C.C. & Swaab, T.Y (2007). Coreference and lexical repetition: Neural mechanisms of discourse integration. *Memory and Cognition*. 35 (4), 801-815
 21. *Diaz, M. & **Swaab, T.Y.** (2007). Electrophysiological differentiation of phonological and semantic integration in word and sentence contexts. *Brain Research*. 1146, 85-100
 22. *Camblin C.C., Gordon, P.C. & **Swaab, T.Y.** (2007). The interplay of discourse congruence and lexical association during sentence processing: Evidence from ERPs and eye tracking. *Journal of Memory and Language*. 56, 103–128
 23. *Ledoux, K., Traxler, M.J., & **Swaab, T.Y.** (2007). Syntactic Priming in Comprehension: Evidence from Event-Related Potentials. *Psychological Science*. 18, 135-143
 24. *Camblin, C.C., *Ledoux, K, *Boudewyn, M., Gordon, P.C., & **Swaab, T.Y.** (2007). When and How do Readers and Listeners establish Coreference with Repeated Names? *Brain Research*. 1146, 174-184.
 25. *Tooley, K., Traxler, M. & **Swaab, T.Y.** (2009). Electrophysiological and Behavioral Evidence of Syntactic Priming in Sentence Comprehension. *Journal of Experimental Psychology: Language, Memory and Cognition*, 35, 19-45.
 26. **Swaab, T.Y.** (2009). Language (Chapter 10). In: Gazzaniga, M.S., R., Ivry and G.R. Mangun, *Cognitive Neuroscience: The Biology of the Mind*. (3rd Edition). W.W. Norton Pub.: New York (Textbook).
 27. *Nakano, H., Saron, C., & **Swaab, T.Y.** (2010). Speech and Span: Working memory capacity impacts the use of animacy but not of world knowledge during spoken sentence comprehension. *Journal of Cognitive Neuroscience*, 22 (12), 2886–2898
 28. *Boudewyn, M.A., Gordon, P.C., Long, D., Polse*, L. & **Swaab, T.Y.** (2011). Does discourse congruence influence spoken language comprehension before lexical association? Evidence from event-related potentials. *Language and Cognitive Processes*.
DOI:10.1080/01690965.2011.577980
 29. **Swaab, T.Y.**, Ledoux*, K., Camblin*, C.C., & Boudewyn*, M.A. (2012) Language related ERP components. (Book Chapter). In: Luck, S. J. & Kappenman, E.S. (Eds.), pp 397-440. Oxford Handbook of Event-Related Potential Components. New York: Oxford University Press
 30. *Boudewyn, M.A., Carter, C. & **Swaab, T.Y.** (2012). Cognitive Control and Discourse Comprehension in Schizophrenia. *Schizophrenia Research and Treatment*, 1- 7.
doi:10.1155/2012/484502
 31. *Qiu, L., **Swaab, T.Y.**, Chen, H., & Wang, S. (2012). The Role of Gender Information in Pronoun

Resolution: Evidence from Chinese. *PloS one*. 7(5): e36156.
doi:10.1371/journal.pone.0036156

32. * Vergara-Martínez, M. & **Swaab, T.Y.** (2012). Orthographic neighborhood effects as a function of word frequency: An Event-Related Potential study. *Psychophysiology*, 49, 1277–1289
33. *Boudewyn, M.A., Long, D.L., & **Swaab, T.Y.** (2012). Cognitive Control Influences the use of Meaning Relations during Spoken Sentence Comprehension. *Neuropsychologia*, 50, 2659-2668
34. *Johns, C., Gordon, P.C., Long, D.L. & Swaab, T. Y. (2013). Memory availability and referential access. *Language and Cognitive Processes*. DOI:10.1080/01690965.2012.733014
35. *Vergara-Martinez, M., Perea, M., Gómez, P. & **Swaab, T.Y.** (2013). ERP correlates of letter identity and letter position are modulated by lexical frequency. *Brain and Language*, 125, 11-27
36. *Boudewyn, M.A., Long, D.L., & **Swaab, T.Y.** (2013). Effects of working memory span on processing of lexical associations and congruence in spoken discourse. *Frontiers in Psychology*, 4:60, 1-16
37. **Swaab, T.Y.**, *Boudewyn, M.A., Long, D.L., Luck, S.L., Kring, A., Ragland, D., Ranganath, C., Lesh, T., Niendam, T.A., Solomon, M. Mangun, G.R. & Carter, C. (2013). Spared and Impaired Spoken Discourse Processing in Schizophrenia: Effects of Local and Global Language Context. *Journal of Neuroscience*, 33(39):15578-87
38. **Swaab, T.Y.** (2013). Language (Chapter 11). (2014). In: Gazzaniga, M.S., R., Ivry and G.R. Mangun, *Cognitive Neuroscience: The Biology of the Mind*. (4th Edition). W.W. Norton Pub.: New York (Textbook).
39. *Tooley, K.M., **Swaab, T.Y.**, *Boudewyn, M.A., *Zirnstien, M. & Traxler, M.J. (2014). Evidence for Priming across Intervening Sentences during Online Sentence Comprehension. *Language and Cognitive Processes*, 1;29(3):289-311
40. *Boudewyn, M.A., *Zirnstien, M., **Swaab, T.Y.**, & Traxler, M.J. (2014). Priming Prepositional Phrase Attachment: Evidence from Eye-tracking and ERPs. *Quarterly Journal of Experimental Psychology*, 4;67(3):424-54.
41. *Johns, C., Gordon, P.C., Long, D.L. & **Swaab, T. Y.** (2014). Memory availability and referential access. *Language and Cognitive Processes*, 29(1), 60-87
42. Minzenberg, M., Gomez, G, C. Yoon, J.H., **Swaab, T.Y.**, Carter, C. S. (2014). Disrupted Action Monitoring in Recent-Onset Psychosis Patients with Schizophrenia and Bipolar Disorder. *Psychiatry Research: Neuroimaging*, 221 (1), 114-121
43. *Brothers, T., **Swaab, T.Y.**, and Traxler, M. (2015). Effect of prediction and contextual support on lexical processing: Prediction takes precedence. *Cognition*, 136, 135–149.
44. Kappenman, E. S., Luck, S. J., Kring, A. M., Lesh, T. A., Mangun, G. R., Niendam, T., Ragland, J. D., Ranganath, C., Solomon, M., **Swaab, T. Y.**, & Carter, C. S. (in press). Electrophysiological evidence for impaired control of motor output in schizophrenia. *Cerebral Cortex*.

45. *Boudewyn, M.A., Long, D.L. & **Swaab, T.Y.** (in press). Graded Expectations: Predictive Processing and the Adjustment of Expectations during Spoken Language Comprehension. *Cognitive, Affective and Behavioral Neuroscience*.
46. *Hoversten, L, *Brothers, T., **Swaab, T.Y.**, and Traxler, M. (in press). Language membership identification precedes semantic access: Suppression during bilingual word recognition. *Journal of Cognitive Neuroscience*
47. *Boudewyn, M.A., Long, D.L., Traxler, M.J., Lesh, T., *Dave, S., Mangun, G.R., Carter, C.S. & **Swaab, T.Y.** (in press). Sensitivity to Referential Ambiguity in Discourse: the Role of Attention, Working Memory and Verbal Ability. *Journal of Cognitive Neuroscience*

Manuscripts in Preparation

- *Blalock, A., Long, D.L., *Boudewyn, M.A. & **Swaab, T.Y.** Discourse context attenuates animacy violations, but not of subject noun phrases.
- Brothers, T., **Swaab, T.Y.** & Traxler, M.J. Strategic effects in predictive sentence processing.
- Dave, S., Brothers, T., Traxler, M.J., & **Swaab, T.Y.** Lexical prediction and context integration in discourse context: Effects of aging

GRANT HISTORY

ACTIVE:

- 1R21MH099327-01 "Cognitive Control and Language Impairments in Schizophrenia" 12/01/2012 – 11/30/2015. Direct=\$275,000 (PIs: **Swaab, T.Y.** and Carter, C.S.)
- NSF 1024003 "Syntactic Priming in Comprehension" 07/15/2010 – 07/31/2015, Direct = \$290,000 (Traxler, M., PI, **Swaab, T.Y.**, co-I)
- NIMH 2R25 MH057541 "Summer Institute in Cognitive Neuroscience" 07/01/2016 – 06/30/2021, (P.I., Mangun, G.R., PI, **Swaab, T.Y.**, co-I)

PENDING:

- 1R21HD079618-01 "Attention and performance in syntactic parsing" Requested: Direct=\$275,000 (PIs: Traxler, M, **Swaab, T.Y.**)
- NSF BCS-1456271 "Effects of prediction on lexical processing, learning from, and memory for text". (Traxler, M., PI, **Swaab, T.Y.**, co-PI)

COMPLETED:

- NIMH 2R25 MH057541-15 "Summer Institute in Cognitive Neuroscience" 08/02/2010 – 06/30/2015, (P.I., Mangun, G.R., PI, **Swaab, T.Y.**, co-I)
- NIMH 1R24MH081807 "Cognitive Control in Schizophrenia" 7/1/08-6/30/12. (Carter, C., PI, Swaab

T.Y. co-I).

NIMH 5R01 MH055714-13 " ERP and fMRI Studies of Visual Attention", 06/01/2007- 11/30/2013.
(Mangun, G.R., PI, **Swaab, T.Y.**, co-I)

UCDMC Vision Grant "Recovery of Language Function after Stroke", 07/01/2009 – 12/31/2010.
Direct=\$50,000 (Baynes, K. PI, **Swaab, T.Y.**, collaborator).

NIMH R01 MH066271, "Linguistic Memory Representations: ERPs and Eye Tracking" 04/01/03 –
03/31/08; Direct=375,000 (Subcontract PI, **Swaab, T.Y.** ; Parent grant PI, Gordon, P.).

National Science Foundation NSF-99-164: "The Cognitive and Neural Architectures of Word
Meaning: A Combined Functional Imaging and Electrophysiological Approach", 10/01/00-
09/30/02, Direct = \$75,000: Principle Investigator, T.Y. Swaab

National Science Foundation Graduate Fellowship, "Electrophysiology of Language" 1/01-12/04;
Stipend and Fees for Fellow (Diaz, M., Fellow; **Swaab, T.Y.**, Sponsor).

McDonnell-Pew Foundation Grant 99-17: "ERP Studies of Language Deficits in Aphasia". 7/1/97-
6/30/00, \$87,900 direct. Principle Investigator, T.Y. Swaab.

McDonnell-Pew Foundation Grant 20002044 "Cognitive and Neural Aspects of Syntactic
Reanalysis" 08/01/00 - 08/01/03; Direct = \$150,000 (Kaan, E. Postdoctoral, Fellow; **Swaab,
T.Y.**, Sponsor)

PROFESSIONAL ACTIVITY

Section Editor: *Linguistics and Language Compass*

Guest Editor: *Brain Research; Special Issue on Language in Context, 2007; Frontiers in Psychology,
2012-2013*

Editorial Board, *Brain Research, Frontiers in Neuroscience*

Consulting referee, *Nature Neuroscience, Psychological Science, Human Brain Mapping, Journal of
Cognitive Neuroscience; Journal of Neuroscience; Cerebral Cortex; Brain Research; Trends in
Cognitive Science; Cognition; Human Brain Mapping; Neuroimage; Cognitive
Neuropsychology; Neuropsychologia; Journal of Experimental Psychology: Memory and
Language; Journal of Memory and Language; Language and Cognitive Processes; Linguistics
and Language Compass, Aging and Cognition, Cognitive Affective and Behavioral
Neuroscience; Brain and Language; Psychophysiology; International Journal of
Psychophysiology; Behavior, Research Methods, Instruments, and Computers; Biological
Psychology, Human Frontiers*

Panel Reviewer: NSF, 2008, NIH LCOM, 2010, 2013

Ad Hoc Referee, NSF; Dutch Science Foundation (NWO); Economic & Social Research Council, UK
(ESRC); Israeli Science Foundation; Deutsche Forschungs Gemeinschaft (German Science

Foundation, DFG, Germany)

Conferences Organized:

Swaab, T.Y., & Traxler, M. (Co-organizers). CUNYconference (International meeting for research on sentence processing), 2009

Bales, K. & **Swaab, T.Y.** (Co-Organizers). UCD annual Psychology Conference, June 02, 2005

Slide Sessions Organized: Cognitive Neuroscience Society, 2008-2011

Chair of Slide Session: Language II, Society for Neurosciences, 2004;

Cognitive Neuroscience Society, 2008, 2009, 2010, 2011

Society memberships: Cognitive Neuroscience Society (CNS), Association for Psychological Science (APS), Society for the Neurobiology of Language

Conference Abstract Review Committees:

CUNY, 2009, 2010, 2011

Cognitive Neuroscience Society, 2005, 2009, 2010, 2011

AMLaP, 2010

Neurobiology of Language Conference, 2010, 2011

Conference on "The Neurological Basis of Language: Experimental, Neurological and Computational Approaches", 2001, Groningen, The Netherlands.

Society for Psychophysiological Research, 2003

Member, Linguistics Graduate Group, UC Davis, 2005-present

Member, Human Development Graduate Group: UC Davis, 2013

Member, Board of Directors and Faculty: NIMH Summer Institute in Cognitive Neuroscience, UC Davis and UC Santa Barbara, 2010 – present.

UNIVERSITY SERVICE

Faculty Mentor, Work Life Balance Program, Office of the Vice Provost for Academic Affairs, UC Davis, 2007 – present. Provide annual presentations and mentoring for new department chairs and new faculty members.

Organizer, Distinguished Lecture Series in Psychology, 2012-present

Reviewer, Hellman Fellowship, 2009, 2010

Organizer, UC Davis Language Sciences Meetings, 2007 – present

Chair, Library Committee, UC Davis, 2005-present

Chair, Individual Advising Committees, 2007- present

Chair, Graduate Oral Exams, 2008 - present

Graduate Oral Exam Committees, UC Davis, 2002- present

Graduate Dissertation Committees, UC Davis, 2004-present

Graduate Individual Advisory Committees, Psychology, UC Davis, 2003-present

Graduate Written Exam Committee, Linguistics, UC Davis, 2005-2012
 Library Committee, UC Davis, 2002 – 2005
 Ad Hoc Committee on Promotions, UC Davis, 2004
 Ad Hoc Committee on Faculty Mentoring, UC Davis, 2004
 Ad Hoc Committee on Faculty Recruitment, Psychology UC Davis, 2005
 Cognitive Neuroscience Search Committee, UC Davis, 2002
 Representative to Duke Academic Council, 2000-2002.
 Cognitive Neuroscience Search Committees, Duke University 1999-2000, 2000-2001.
 Undergraduate Curriculum Committee Psychology, Duke University, 2000-2002
 Committee to develop Graduate Program in Cognitive Neuroscience, Duke University 1999-2002
 Curriculum Committee Cognitive Neuroscience Training Program, Duke University, 2000-2002
 Dissertation Committee, Duke University, 2000, 2001, 2002
 Graduate Major Area Paper Committee, Duke University, 1999, 2000, 2001
 Chair, Major Area Paper Committee, Duke University, 2002

TEACHING EXPERIENCE

Instructor, Language and Cognition, UC Davis (undergraduate), 1997, 2004 - present
 Instructor, Cognitive Neuroscience, UC Davis (undergraduate), 2006 – 2012
 Instructor, Cognitive Neuroscience Core Course, UC Davis (graduate), 2004 – present
 *Instructor, ERP seminar, UC Davis (graduate), 2005-2012
 *Instructor, Cognitive Neuroscience of Language Individual Study Projects, (undergraduate), 2004-present
 *Instructor, Cognitive Neuroscience of Language, UC Davis (undergraduate, graduate), 2010-present
 Guest Lecturer, Cognitive Neuroscience, 2008-2009
 Guest Lecturer, NPB, 2009-2010
 NIMH ERP Bootcamp Instructor, UC Davis 2008-present
 Instructor, Cognitive Neuroscience (undergraduate) Duke University, 2002
 *Instructor, Methods in Cognitive Neuroscience (undergraduate) Duke University, 2000-2002
 *Instructor, Brain and Language (undergraduate), Duke University, 1999-2002.
 Guest Lecturer, Language and the brain: Comprehension deficits in aphasia (Psychiatry), University of California, Davis, 1997.
 Lecturer, Language processing, neural mechanisms and aphasia (graduate), Summer school for Behavioral and Cognitive Neurosciences, University of Groningen, The Netherlands, 1996.
 Guest Lecturer, Cognitive neuroscience of language processes (graduate), University of California, Davis, 1996
 Guest Lecturer, Brain and Behavior, Psychology Dept. (undergraduate), University of Nijmegen, The Netherlands, 1993.
 Guest Lecturer, ERPs and Aphasia, Medical Neurology (medical), University of Nijmegen, The Netherlands, 1993
 Guest Lecturer, Neuropsychology of Language, Psychology Dept. (undergraduate), University of Leiden, The Netherlands, 1992
 Guest Lecturer, ERPs and Aphasia, Medical Neurology (medical), University of Nijmegen, The

Netherlands, 1991

Teaching Assistant, Electrophysiology, Psychology Dept. (undergraduate), University of Nijmegen, The Netherlands, 1984, 1985, and 1986

** Courses developed by T.Y. Swaab*

SYMPOSIA ORGANIZED

Baynes, K., & **Swaab, T.Y.** (Co-Chairs) Activating words in the brain: Integrating neuropsychology and Psycholinguistics. Academy of Aphasia, Santa Fe, 1998 [selected by program committee].

***Swaab, T.Y.** (Chair) Making sense of sentences: The brain circuitry for sentence processing. Cognitive Neuroscience Society Meeting, Washington D.C., 1999 [selected by program committee].

Swaab, T.Y. (Chair) The Cognitive and Cortical Organization of Concepts. Satellite Symposium Cognitive Neuroscience Society Meeting, San Francisco, 2000

Swaab, T.Y. (Chair) Language and the Brain. Symposium at the retreat for the Center for Cognitive Neuroscience, Chapel Hill, 2002

Swaab, T.Y. (Chair) Unraveling the Mysteries of Meaning in the Brain: Contextual Cues to Language Comprehension. Satellite Symposium Cognitive Neuroscience Society Meeting, San Francisco, 2006

Swaab, T.Y., (Chair). The Interface between Memory and Language. Cognitive Neuroscience Society, San Francisco, 2013 [selected by program committee]

** Reviewed in Trends in Cognitive Sciences, Vol. 3, No.6 , pg. 203, June 1999*

INVITED PRESENTATIONS

Symposia

Swaab, T.Y., Brown, C.M., & Hagoort, P. Understanding ambiguous words in sentence contexts: Electrophysiological evidence for a delay in contextual selection in Broca's aphasia. 8th World Congress of Psychophysiology, Tampere, Finland, 1996

Swaab, T.Y., Brown, C.M., & Hagoort, P. ERPs and sentence processing in aphasia. Tennen VIII, Montreal, June 1997

Swaab, T.Y. Electrophysiological analyses of spoken sentence comprehension deficits in aphasia. EPIC XII, Boston, 1998

Swaab, T.Y. The brains' response to lexical ambiguities in sentence contexts. ICON7, Budapest, July 1999

Swaab, T.Y. & Hagemann, K. Hemispheric Asymmetry in Category Ambiguity Resolution. SPR, Chicago, October 2003

Swaab, T.Y. & Nakano, H. How and when do listeners integrate themes. Cognitive Neuroscience Society Meeting, San Francisco, 2006

Swaab, T.Y. Context, Control and Comprehension. Symposium in honor of Marta Kutas, Max

Planck Institute for Psycholinguistics, 2010

Swaab, T.Y. Speech and Span: the Role of Working Memory in Language Comprehension.
Cognitive Neuroscience Society Meeting, 2013

Colloquia

"Is the N400 a reflection of automatic lexical processing? Evidence from masked priming", Institute for research in language and speech (IWTS), Nijmegen, The Netherlands, 1989

"In search of the processing nature of the N400: a masked priming study". Psychology Dept. Nijmegen, The Netherlands, 1990.

"Temporal aspects of language understanding in aphasia. Evidence from ERPs". Dutch Community for Neuropsychology, The Netherlands, 1992.

"ERP-evidence for delayed lexical integration in aphasia". Nijmegen Institute for Cognition and Information (NICI), The Netherlands, 1993.

"Impairments of lexical-semantic integration processes in aphasia: Evidence from event-related potentials". Max-Planck Institute for Psycholinguistics, The Netherlands, 1994.

"Lexical integration deficits in aphasia". Center for Neuroscience, University of California, 1995

"Delayed lexical integration in aphasia: An ERP study". VA Martinez, 1995"

"The time course of spoken sentence understanding in aphasia". University of Oregon, 1996

"The functional locus of comprehension deficits in aphasia: An electrophysiological approach". Center for Neuroscience, University of California, 1996

"An electrophysiological approach to study sentence processing in aphasia". Neurology & Neuropsychology, Travis CA, 1997

"Electrophysiological studies of sentence processing in aphasia." Psychology, UC Davis, 1997

"Tracking the time course of language comprehension: Electrophysiological analyses of aphasic deficits." Psychology, Dartmouth NH, 1997

"Brain mechanisms for spoken language comprehension." Neuroscience Retreat, UC Davis, 1997

"Making sense of sentences: Tracking the time course of language comprehension." Psychology Dartmouth NH, 1998

"Semantic memory and the right hemisphere". Workshop memory and ERPs, Psychology, UC Davis, 1998

"When sentences don't make sense: Electrophysiological analyses of aphasic deficits". Psychology, UNC, Chapel Hill, 1999

"Imaging Imageability and Semantic Distance: The Role of the Right Hemisphere". Brain Imaging and Analysis Center, Duke University Medical Center, 2000

"Comprehending Language Comprehension. Psychology". UC Davis, 2002

"When and Where do we Integrate Meaning in Context?", UC San Diego, 2004

"Does a Necklace Drink Milk? Working Memory and Thematic Integration", UC Davis, Neurology, 2005

"Lexical Repetition and Semantic Priming in Discourse Contexts". UC Davis Psychology, 2005

- “Context and Comprehension: Representation, Activation and Integration of Lexical-Semantic Information”, Max Planck Institute for Psycholinguistics, Nijmegen, The Netherlands. 2007
- “The Interplay of Context and Lexical Priming during Language Comprehension”, Nijmegen Institute for Cognition Research (NICI), Radboud University, The Netherlands, 2007
- “Context, Coreference & Comprehension”. UC Davis, Psychology, 2008.
- Impaired Discourse Comprehension in Schizophrenia. Integrated Neuroscience Seminars, UC Davis, 2010.
- “Cognitive Control and Working Memory Maintenance during Language Comprehension”, UC Irvine, 2010
- “Individual Differences in Language Comprehension”, Center for Mind and Brain, 2011
- “Multiple routes to comprehension”, Penn State University Center for Language Studies, 2013.
- “Cognitive control and language comprehension”, Tufts University, 2014.

Published Abstracts and Presented Papers (through 2013)

1. Brown, C.M, Hagoort, P., & **Swaab, T.Y.** Does the N400 reflect automatic lexical processing? Ninth International Conference on Event-Related Potentials of the Brain, The Netherlands, 1989
2. **Swaab, T.Y.**, Brown, C.M., & Hagoort, P. Sensitivity of the N400 to auditory associative and semantic priming. First European Congress of Psychophysiology, The Netherlands, 1991
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