

Tamara Yvonne Swaab
Curriculum Vitae
2022

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. University of Nijmegen and Max Planck Institute for Psycholinguistics
The Netherlands (Cognitive Neuroscience) (1996)
Advisors: Prof. Peter Hagoort, Prof. Willem Levelt, and Dr. Colin Brown
B.S. University of Nijmegen (Neuropsychology) (1988)

ACADEMIC POSITIONS

2014 - Professor, Department of Psychology and Center for Mind and Brain, University of California, Davis.
2007 - 14 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, with Prof. Robert T. Knight
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

2021 Fellow, Association for Psychological Science
2016 Fellow, Max Planck Institute for Psycholinguistics, the Netherlands
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: Recognized 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

Language and Cognition
 Cognitive neuroscience of language processing and related cognitive systems
 Spoken language comprehension
 Individual differences in language processing
 Bilingualism
 Aging
 Deficits of language processing in schizophrenia
 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)

Megan A. Boudewyn, Cameron S. Carter & Tamara Y. Swaab (Associate co-editor). Frontiers in Neuroscience. Neural Mechanisms of Impaired Cognitive and Emotional Functioning in Schizophrenia. (Special Issue 2014)

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. *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
35. *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
36. **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). Spered and Impaired Spoken Discourse Processing in Schizophrenia: Effects of Local and Global Language Context. *Journal of Neuroscience*, 33(39):15578-87
37. **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).
38. *Tooley, K.M., **Swaab, T.Y.**, *Boudewyn, M.A., *Zirnststein, M. & Traxler, M.J. (2014). Evidence for Priming across Intervening Sentences during Online Sentence Comprehension. *Language and Cognitive Processes*, 1;29(3):289-311

39. *Boudewyn, M.A., *Zirnstein, 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.
40. *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.
41. 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
42. *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
43. *Hoversten, L, *Brothers, T., **Swaab, T.Y.**, and Traxler, M. (2015). Language membership identification precedes semantic access: Suppression during bilingual word recognition. *Journal of Cognitive Neuroscience*, 27(11), 2108-16.
44. *Boudewyn, M.A., Long, D.L., Traxler, M.J., Lesh, T., *Dave, S., Mangun, G.R., Carter, C.S. & **Swaab, T.Y.** (2015). Sensitivity to Referential Ambiguity in Discourse: the Role of Attention, Working Memory and Verbal Ability. *Journal of Cognitive Neuroscience*, 27(12), 2309-2323.
45. *Boudewyn, M.A., Long, D.L. & **Swaab, T.Y.** (2015). Graded Expectations: Predictive Processing and the Adjustment of Expectations during Spoken Language Comprehension. *Cognitive, Affective and Behavioral Neuroscience*. *Cognitive, Affective, & Behavioral Neuroscience*, 15 (3), 607-624
46. Ragland, J.D., Ranganath, C., Phillips, J., Boudewyn, M.A., Kring, A.M., Lesh, T.A., Long, D.L., Luck, S.J., Niendam, T.A., Solomon, M., **Swaab, T.Y.**, Carter, C.S. (2015). Cognitive Control of Episodic Memory in Schizophrenia: Differential Role of Dorsolateral and Ventrolateral Prefrontal Cortex. *Frontiers in Human Neuroscience*, 2015, 9:604.
47. 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. (2016). Electrophysiological evidence for impaired control of motor output in schizophrenia. *Cerebral Cortex*, 26 (5), 1891-1899.
48. *Brothers, T., Swaab, T.Y., & Traxler, M.J., (2017). Goals and strategies influence lexical prediction during sentence comprehension. *Journal of Memory and Language*, 93, 203-216.
49. Choi, W., Lowder, M.W., Ferreira, F., **Swaab, T.Y.** & Henderson, J.M. (2017). Effects of word predictability and preview lexicality on eye movements during reading: A comparison between young and older adults. *Psychology and Aging*, 32(3), 232-242.
50. *Boudewyn, M.A., Carter, C.S., Long, D.L., Traxler, M.J., Lesh, T.A., Mangun, G.R., & **Swaab, T.Y.** (2017). Language Context Processing Deficits in Schizophrenia: the Role of Attentional Engagement. *Neuropsychologia*, 96, 262-273.
51. Li X, Zhang Y, Xia J, **Swaab T.Y.** (2017). Internal mechanisms underlying anticipatory language processing: Evidence from event-related-potentials and neural oscillations. *Neuropsychologia*, 102, 70-81.
52. *Hoversten, L.J., *Brothers, T., **Swaab, T.Y.**, & Traxler, M.J. (2017). Early processing of orthographic language membership information in bilingual visual word recognition: Evidence from ERPs. *Neuropsychologia*, 103, 183-190.
53. *Dave, S., Brothers*, T., & **Swaab, T.Y.** (2018). 1/f Neural Noise and Electrophysiological Indices of Contextual Prediction in Normative Aging. *Brain Research*. doi: 10.1016/j.brainres.2018.04.007.
54. *Karimi, H., **Swaab, T.Y.**, & Ferreira, F. (2018). Electrophysiological Evidence for an Independent Effect of Memory Retrieval on Referential Processing. *Journal of Memory and Language*, 102, 68-82

55. *Dave, S., *Brothers, T., Traxler, M.J., Henderson, J.M., Ferreira, F. & **Swaab, T.Y.** (2018). Electrophysiological Evidence for Preserved Primacy of Lexical Prediction in Normative Aging. *Neuropsychologia*, 117, 135-147
56. *Boudewyn, M.A., *Blalock, A. Long, D.L. & **Swaab, T.Y.** (2019). Adaptation to animacy violations during listening comprehension. *Cognitive, Affective, & Behavioral Neuroscience* 19 (5), 1247-1258
57. *Brothers, T., *Dave, S., *Hoversten, L.J., Traxler, M.J. & **Swaab, T.Y.** (2019). Flexible predictions during listening comprehension: Speaker reliability affects anticipatory processes. *Neuropsychologia*, 135, 107225
58. *Bousquet, K., **Swaab, T.Y.**, & Long, D.L. (2020). The use of context in resolving syntactic ambiguity: Structural and semantic influences. *Language, Cognition and Neuroscience*, 35 (1), 43-57
59. *Dave, S., *Brothers, T., *Hoversten L., Traxler, M.J., & **Swaab, T.Y.** (2021). Cognitive control mediates age-related changes in flexible anticipatory processing during listening comprehension. *Brain Research*. <https://doi.org/10.1016/j.brainres.2021.147573>
60. *Sendek, K., Corina, D., Cates, D. Traxler, M.J., **Swaab, T.Y.** (2023). L1 referential features influence pronoun reading in L2 for deaf, ASL-English bilinguals. *Bilingualism, Language and Cognition*.

Manuscripts in preparation

- *Gao, A., Swaab, T.Y., & Traxler, M.J. Prediction accuracy facilitates processing of visual word form
- *Hoversten, L. J., *Brothers, T.A., Swaab, T. Y., & Traxler, M. J. Behavioral and neural effects of language anticipation during bilingual word production.
- Li, X. & Swaab, T.Y. How natural aging affects predictive language processing and its consequences on speech comprehension.
- *Trammel, T., *Khodayari, N., Luck, S.J., Traxler, M.J., & Swaab, T.Y. Decoding semantic relatedness and prediction from EEG: A classification model comparison

Invited Chapters

- Swaab, T.Y. & Traxler, M.J., Chapter 20, The Neurobiology of Language. In: Kirby, E., Sandstrom, N. & Williams, C. (Eds). Behavioral Neuroscience. Online Open Access Textbook funded by NSF Eager award. To Appear 2023
- Traxler, M.J. & Swaab, T.Y. Predictive Processing and Language. In: Andrews, E. (Ed.). Cambridge Handbooks in Language and Linguistics, Cambridge University Press. To Appear 2023.

GRANT HISTORY

Active

1F32HD108937-01A1: "The role of temporal prediction in guiding attention through time during language comprehension." NIH Postdoctoral Fellowship Award to Nora Beier, 2022-2025 (Mentors, G.R., Mangun & Tamara Y Swaab). \$221,922

Submitted/Not Awarded

NSF "Predictive Language Processing in Bilinguals." \$851,746 (PI/PD Traxler, M.J. & Swaab, T.Y.) 2022

1 R01 AG068387-01/02 : "The effects of cognitive and neural changes in aging on prediction and its flexibility during comprehension." \$2,347,187 (PI/PD, Swaab T.Y. Traxler, M.J.) 2020-2021

T32 Executive Control Training Grant (PI G.R. Mangun) 2022

Completed

- NIMH 2R25 MH057541 "Summer Institute in Cognitive Neuroscience" 07/01/2016 – 06/30/2022, (P.I., Mangun, G.R., PI, Swaab, T.Y., co-I)
- NIA 1R1 R56 AG053346-01A1 "Prediction in Older Adults during Reading and Spoken Language Comprehension". (PI/PD, Ferreira, F., Henderson, J.M., & Swaab, T.Y.) 09/01/2017 – 05/01/2021. \$1,157,897.00
- NSF 1749269 "Linguistic Computations Electrified" PIs Swaab, T.Y., Ferreira, F., Henderson, J.M., Traxler, M.J. Grant to support the special session at the 2018 CUNY conference 01/01/2018 – 01/01/2019. \$48,000
- 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 MH057541-15 "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**Editorships, Editorial Boards, Scientific Society Service:**

- Editor-in-Chief**, *Cognition*, 2020-present
- Senior Editor**, *Neurobiology of Language*, 2019-2020
- Associate Editor**, *Neuropsychologia* 2016-2020
- Associate Editor**, *Journal of Neurolinguistics*: 2015-

Associate Editor, *Frontiers in Psychology*: 2013-

Associate Editor, *Linguistics and Language Compass* 2007-2014

Guest Editor: *Brain Research*; Special Issue on Language in Context, 2007

Guest Editor: *Frontiers in Psychology*, 2012-2013

Editorial Boards: *Brain Research*, *Frontiers in Neuroscience*, *Journal of Neurolinguistics*, *Cognition*

Consulting referee: *Nature Neuroscience*, *Psychological Science*, *PNAS*, *Human Brain Mapping*, *Journal of Cognitive Neuroscience*; *Journal of Neuroscience*; *Cerebral Cortex*; *Brain Research*; *Trends in Cognitive Science*; *Cognition*; *Neuroimage*; *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*, *Frontiers*, *Journal of Neurolinguistics*, *Cognitive Psychology*, *Cognitive Neuropsychology*, *Biological Psychiatry*, *Aging Neuropsychology and Cognition*, *Memory and Cognition*, *Journal of Psychiatric Research*, *Language Cognition and Neuroscience*

Conference Abstract Review Committees:

CUNY, 2009, 2010, 2011, 2018, 2019, 2020, 2021, 2021

Cognitive Neuroscience Society, 2005, 2009, 2010, 2011, 2012, 2013, 2014

AMLaP, 2010

Society for the Neurobiology of Language Conference, 2010 -present

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

Society for Psychophysiological Research, 2003

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

Federal Government and Other Advisory Panels:

Chair, NIH LCOM special emphasis panel committee meeting, July 2021

Panel Member, NIH, LCOM Study Section, 2010, 2013; NIH LCOM Special Emphasis Panel 2021 (3 times), 2022 (2 times); NIH NICHD Special Emphasis Panel (2023).

Member, Site visit review team at the University of Munster, Germany for the Deutsche Forschungs Gemeinschaft (DFG, German, Science Foundation), February 2019

Panel Member, Perception, Action and Cognition, NSF, 2008,

Ad Hoc Referee, NSF

Ad Hoc Referee, Economic & Social Research Council, UK (ESRC)

Ad Hoc Referee, Israeli Science Foundation

Ad Hoc Referee, Deutsche Forschungs Gemeinschaft (German Science Foundation, DFG, Germany)

Ad Hoc Referee, Dutch Science Foundation (NWO)

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

Conferences and Symposia Organized/Chaired:

2019-2022 *Society for the Neurobiology of Language*, Treasurer-Elect (2019-20), Treasurer (2020-21), Past Treasurer (2022-23), member of the governing board (2019-), and annual conference organizing committee (2020).

Co-Organizer (with Ferreira, F., Henderson, J.M., Traxler, M.). *CUNY Conference* (International meeting for research on sentence processing), 2018, funded by an NSF grant (Swaab, PI)

Co-Organizer (with Traxler, M.) *CUNY Conference* (International meeting on sentence processing), 2009

Co-Organizer (with Bales, K.) *UCD annual Psychology Conference*, June 02, 2005

Slide Sessions Organized, *Cognitive Neuroscience Society*, 2008-2011

Chair of Slide Session, Language II, *Society for Neuroscience*, 2004; *Cognitive Neuroscience Society*, 2008, 2009, 2010, 2011

UNIVERSITY, COLLEGE AND DEPARTMENTAL SERVICE

University

Faculty Mentor, Work Life Balance Program, Office of the Vice Provost for Academic Affairs, 2007 – present. In this committee I'm involved in several activities, including, among others: 1) annual presentations and mentoring for new department chairs and new faculty members, advancing faculty diversity, 2) Advice individual faculty on Work Life Balance policies (e.g., pregnancy leave), 3) Discussion of policies to implement consideration of COVID related problems in advancing research in the evaluation of merit and promotion

COACHE (Collaboration on Academic Careers in Higher Education) Survey Advisory Committee, 2021. Evaluation and decision on questions for a survey designed to enhance our understanding about faculty member's experiences at UC Davis. Development of a plan to garner strong and representative response rates, and on implementing policies based on results.

Inaugural Member: Faculty Academy of Graduate Student Well-Being, 2021- present

Member: Graduate Student Mentoring Initiative, 2022

Member, Child and Family Care Administrative Advisory Committee, 2020-2021

Member, Graduate Studies Faculty Review Committee, 2020-2021, review graduate student travel fellowships for Fall and Spring.

Reviewer, UC Davis Hellman Fellowship, 2009, 2010

College

Representative, UC Davis Letters and Science Academic Assembly, 2020-2022

Departmental

Organizer, UC Davis EEG meeting, 2021-, monthly speaker series on advancements in EEG methodology for faculty, postdocs, graduate students, and undergraduate students

Member, Mentoring and Personnel Advancement Committee (MPAC), 2020-

Member, Graduate Student Mentoring Committee 2023-

Organizer, Distinguished Lecture Series in Psychology, 2012-2019

Founding Organizer, UC Davis Language Sciences Meetings, 2007 – 2018

Ad hoc member, Committee for subject pool organization Psychology Department 2019

Chair, Library Committee, UC Davis, 2005-2012

Member, Library Committee, UC Davis, 2002 – 2005
Member, Ad Hoc Committee on Promotions, UC Davis, 2004
Member, Ad Hoc Committee on Faculty Mentoring, UC Davis, 2004
Member, Ad Hoc Committee on Faculty Recruitment, Psychology UC Davis, 2005
Member, Cognitive Neuroscience Search Committee, UC Davis, 2002
Representative, Duke Academic Council, 2000-2002.
Member, Cognitive Neuroscience Search Committees, Duke University 1999-2000, 2000-2001.
Member, Undergraduate Curriculum Committee Psychology, Duke University, 2000-2002
Founding Committee Member, Graduate Program in Cognitive Neuroscience, Duke University 1999-2002
Curriculum Committee Member, Cognitive Neuroscience Training Program, Duke University, 2000-2002
Member, Dissertation Committees (several), Duke University, 2000, 2001, 2002
Member, Graduate Major Area Paper Committee, Duke University, 1999, 2000, 2001
Chair, Major Area Paper Committee, Duke University, 2002

TEACHING and MENTORING EXPERIENCE

* Courses developed by T.Y. Swaab

F-award Writing Workshop, 2021, 2022, 2023 Mentoring, leading discussions and reviewing proposals of student participants across campus between January and July in an Intensive Workshop organized by the UC Davis Comprehensive Cancer Center and the Clinical Translational Science Center for early career investigators (graduate students and postdocs) to learn how to develop their F award proposal and how to conceive of their career development and the importance of their relationship to their mentor.

UC Davis EEG Meeting (UCD-EEG): 2021, 2022, 2023 Monthly speaker series on advancements in EEG methodology. Faculty from UC Davis EEG laboratories and graduate students, postdocs attend, present, and discuss. Presenters are typically from UC Davis, but we also have invited speakers from outside UC Davis (virtually).

UC Davis EEG Bootcamp: 2008-2013, 2019, 2022 Individual Consulting Meetings with Participants, Paper Discussions

***Instructor**, Graduate Student Wellbeing, 2022-

***Instructor**, ERP seminar, UC Davis (graduate), 2005-2012, 2021

***Instructor**, ERP acquisition and analysis (undergraduate), 2020

***Instructor**, Cognitive Neuroscience of Language Individual Study Projects, (undergraduate), 2004-present

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 – 2016

Chair, Graduate Individual Advising Committees, 2007- present

Chair, Graduate Oral Exams, 2008 - present

Member, Graduate Oral Exam Committees, UC Davis, 2002- present

Member/Chair, Graduate Dissertation Committees (several), UC Davis, 2004-present

- Member**, Graduate Individual Advisory Committees, Psychology, UC Davis, 2003-present
- Member**, Graduate Written Exam Committee, Linguistics, UC Davis, 2005-2012
- Guest Lecturer**, Cognitive Neuroscience, 2008-2009
- Guest Lecturer**, NPB, 2009-2010
- Instructor**, NIMH ERP Bootcamp, 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
- Graduate Program Member:** Psychology Graduate Group (2002 -); Linguistics Graduate Group, UC Davis, 2005-); Human Development Graduate Group: UC Davis, (2013 -)

SYMPOSIA ORGANIZED

- Co-Chair** (with Baynes, K.) Activating words in the brain: Integrating neuropsychology and Psycholinguistics. *Academy of Aphasia*, Santa Fe, 1998 [selected by program committee].
- Chair**, Making sense of sentences: The brain circuitry for sentence processing. Cognitive Neuroscience Society Meeting, Washington D.C., 1999 [selected by program committee].
- Chair**, The Cognitive and Cortical Organization of Concepts. Satellite Symposium *Cognitive Neuroscience Society Meeting*, San Francisco, 2000
- Chair**, Language and the Brain. Symposium at the retreat for the Center for Cognitive Neuroscience, Chapel Hill, 2002
- Chair**, Unraveling the Mysteries of Meaning in the Brain: Contextual Cues to Language Comprehension. Satellite Symposium *Cognitive Neuroscience Society Meeting*, San Francisco, 2006
- 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

- Swaab, T.Y. 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
- Swaab, T.Y. In search of the processing nature of the N400: a masked priming study. Psychology Dept. Nijmegen, The Netherlands, 1990.
- Swaab, T.Y. Temporal aspects of language understanding in aphasia. Evidence from ERPs. Dutch Community for Neuropsychology, The Netherlands, 1992.
- Swaab, T.Y. ERP-evidence for delayed lexical integration in aphasia. Nijmegen Institute for Cognition and Information (NICI), The Netherlands, 1993.
- Swaab, T.Y., Impairments of lexical-semantic integration processes in aphasia: Evidence from event-related potentials". Max-Planck Institute for Psycholinguistics, the Netherlands, 1994.
- Swaab, T.Y. Lexical integration deficits in aphasia". CNS, University of California, 1995
- Swaab, T.Y. Delayed lexical integration in aphasia: An ERP study". VA Martinez, 1995"
- Swaab, T.Y. The time course of spoken sentence understanding in aphasia. University of Oregon, 1996
- Swaab, T.Y. The functional locus of comprehension deficits in aphasia: An electrophysiological approach". Center for Neuroscience, University of California, 1996
- 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. An electrophysiological approach to study sentence processing in aphasia. Neurology & Neuropsychology, Travis CA, 1997
- Swaab, T.Y. Electrophysiological studies of sentence processing in aphasia. Psychology, UC Davis, 1997
- Swaab, T.Y. Tracking the time course of language comprehension: Electrophysiological analyses of aphasic deficits. Psychology, Dartmouth NH, 1997
- Swaab, T.Y. Brain mechanisms for spoken language comprehension. Neuroscience Retreat, UC Davis, 1997
- Swaab, T.Y. Making sense of sentences: Tracking the time course of language comprehension." Psychology Dartmouth NH, 1998
- Swaab, T.Y. Semantic memory and the right hemisphere. Workshop memory and ERPs, Psychology, UC Davis, 1998
- Swaab, T.Y. When sentences don't make sense: Electrophysiological analyses of aphasic deficits". Psychology, UNC, Chapel Hill, 1999
- 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. Imaging Imageability and Semantic Distance: The Role of the Right Hemisphere. Brain

- Imaging and Analysis Center, Duke University Medical Center, 2000
- Swaab, T.Y. Comprehending Language Comprehension. Psychology. UC Davis, 2002
- Swaab, T.Y. & Nakano, H. How and when do listeners integrate themes. Cognitive Neuroscience Society Meeting, San Francisco, 2006
- Swaab, T.Y. When and Where do we Integrate Meaning in Context?, UC San Diego, 2004
- Swaab, T.Y. Does a Necklace Drink Milk? Working Memory and Thematic Integration, UC Davis, Neurology, 2005
- Swaab, T.Y. Lexical Repetition and Semantic Priming in Discourse Contexts. UC Davis Psychology, 2005
- Swaab, T.Y. Context, Control and Comprehension. Symposium in honor of Marta Kutas, Max Planck Institute for Psycholinguistics, 2010
- Swaab, T.Y. Context and Comprehension: Representation, Activation and Integration of Lexical-Semantic Information, Max Planck Institute for Psycholinguistics, Nijmegen, The Netherlands. 2007
- Swaab, T.Y. The Interplay of Context and Lexical Priming during Language Comprehension", Nijmegen Institute for Cognition Research (NICI), Radboud University, The Netherlands, 2007
- Swaab, T.Y. Context, Coreference & Comprehension". UC Davis, Psychology, 2008.
- Swaab, T.Y. Impaired Discourse Comprehension in Schizophrenia. Integrated Neuroscience Seminars, UC Davis, 2010.
- Swaab, T.Y. Cognitive Control and Working Memory Maintenance during Language Comprehension, UC Irvine, 2010
- Swaab, T.Y. Individual Differences in Language Comprehension, Center for Mind and Brain, 2011
- Swaab, T.Y. Multiple routes to comprehension, Penn State University Center for Language Studies, 2013.
- Swaab, T.Y. Speech and Span: the Role of Working Memory in Language Comprehension. Cognitive Neuroscience Society Meeting, 2013
- Swaab, T.Y. Cognitive control and language comprehension, Tufts University, 2014.
- Swaab, T.Y. (Keynote speaker) Benefits and Costs of Prediction During Comprehension. ICPEAL 2016, Guangzhou, China
- Swaab, T.Y. Prediction during Comprehension. Invited Speaker at the Kavli Summer Institute for Cognitive Neuroscience, Santa Barbara, 2017
- Swaab, T.Y. Aging and Prediction, Center for Mind and Brain, UC Davis 2018
- Swaab, T.Y. What will the future bring? Flexibility of prediction during language processing. Talk Presented at a two-day event for the celebration of the 40 year existence of the Max Planck Institute for Psycholinguistics titled: Neurobiology of Language: Key Issues and Ways Forward (2021)

Conference Proceedings

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
3. Swaab, T.Y., Brown, C.M., & Hagoort P. Using ERPs to study comprehension deficits in Broca's aphasia: A priming study. German conference on aphasia and aphasia treatment, The Netherlands,

1991

4. Hagoort P., Brown C.M., & Swaab T.Y. Using Event-Related brain Potentials (ERPs) to investigate comprehension deficits in aphasia. Academy of Aphasia, Italy, October, 1991.
5. Swaab, T.Y., Brown, C.M., & Hagoort, P. Using the N400 to investigate comprehension deficits in aphasia: a priming study. Tenth International Conference on Event-Related Potentials of the Brain, Hungary, 1992
6. Hagoort, P., Brown, C., & Swaab, T.Y. Too little time to understand: Evidence from on-line research for a chronogenetic account of aphasia. Academy of Aphasia, Tucson AZ, 1993
7. Swaab, T.Y., Brown, C.M., & Hagoort, P. Impairment of lexical-semantic integration processes in Broca's aphasia: Evidence from event-related potentials. Cognitive Neuroscience Society, San Francisco CA, 1994
8. Swaab, T.Y., Brown, C.M. & Hagoort, P. What ERPs tell us about comprehension deficits in aphasia. Rhein-Ruhr-Meeting, Bochum, Germany, 1994
9. Swaab, T.Y., Brown, C. & Hagoort, P. The functional locus of comprehension deficits in aphasia: An electrophysiological approach. McDonnell-Pew Retreat, San Diego CA, 1995
10. Swaab, T.Y., Brown, C.M., & Hagoort, P. (1995). Delayed Integration of lexical ambiguities in Broca's aphasia: Evidence from event-related potentials. *Brain and Language*, 51, 159-161
11. Hagoort, P., Brown, C.M., & Swaab, T.Y. (1995). Semantic deficit in right hemisphere patients. *Brain and Language*, 51, 161-163
12. Swaab, T.Y., Brown, C.M., & Hagoort, P. Neuroelectric evidence for impaired lexical integration in aphasia. Cognitive Neuroscience Society, San Francisco CA, 1996
13. Swaab, T.Y., Baynes, K., & Knight, R.T. (1996). ERP evidence for the effect of imageability and semantic distance in word processing. *Psychophysiology*, 33, S81.
14. Swaab, T.Y., Baynes, K., & Knight, R.T. Task-induced differences on the effects of semantic distance and imageability: An ERP priming study. Cognitive Neuroscience Society, Boston MA, 1997
15. Swaab, T.Y., Baynes, K., & Knight, R.T. (1997) The role of the right hemisphere in word processing: An ERP study. *Brain and Language*, 60, 168-169.
16. Swaab, T.Y., Baynes, K., & Knight, R.T. (1998). Event-related potential studies of the role of the right hemisphere in word processing: Semantic distance and imageability. *Brain and Language*, 65, 141-143.
17. Swaab, T.Y. & Britz, J. (1999a). How the brain resolves noun-verb ambiguities: An ERP study. *ICON*, 7, 159
18. Swaab, T.Y. (1999b). Making sense of sentences: An Electrophysiological approach to comprehension deficits in aphasia. *Journal of Cognitive Neuroscience, Suppl.*, pg. 9.
19. Swaab, T.Y. and Britz, J. (2000). Electrophysiological evidence for the time course of category ambiguity resolution in sentence contexts. *Journal of Cognitive Neuroscience, Suppl.*, pg 53.
20. Hagemann, K. & Swaab, T.Y. (2001). Hemispheric asymmetry in category ambiguity resolution: An ERP study. *Journal of Cognitive Neuroscience, Suppl.*, pg 165.
21. Kaan, E. and Swaab, T.Y. (2001). 'An ERP study of syntactic reanalysis'. *Journal of Cognitive Neuroscience, Suppl.* Pg. 166.
22. Kaan, E., Wijnen, F., and Swaab, T.Y. (2001). 'Gapping in the brain'. Poster presented at the 14th Annual CUNY conference on Human Sentence Processing, Philadelphia.
23. Swaab, T.Y. & Britz, J. (2001). Influence of contextual constraint and meaning frequency on category ambiguity resolution; An ERP study. *Journal of Cognitive Neuroscience, Suppl.*, pg 165.
24. Swaab, T.Y., Camblin, C.C., & Gordon, P.C. (2001). ERP measurement of memory access during language comprehension. Society for Neuroscience.
25. Winkler, T. & Swaab, T.Y. (2001). Category ambiguity resolution in aging: An ERP study. *Journal of Cognitive Neuroscience, Suppl.*, pg 165.

26. Camblin, C.C., & Gordon, P.C., Swaab, T.Y. (2002). Lexical repetition in sentence context: ERP evidence for a reversed lag effect. *Journal of Cognitive Neuroscience, Suppl.*, pg 107.
27. Diaz, M.T. & Swaab, T.Y. (2002). Electrophysiological differentiation of semantic and phonological processing during spoken language comprehension. *Journal of Cognitive Neuroscience, Suppl.*, pg 107.
28. Van Heuven, W. Hagoort, P., Dijkstra, T. Schriefers, H. & Swaab, T.Y. (2002). Consistency effects in English visual word recognition: An event-related fMRI study. *Journal of Cognitive Neuroscience, Suppl.*, pg 53.
29. Kaan, E. & Swaab, T.Y. (2002). Revision, Repair and the P600 *Journal of Cognitive Neuroscience, Suppl.*, pg 56.
30. Swaab, T.Y., Giesbrecht, B., & Camblin, C.C. (2002). Separable effects of imageability and priming on word processing: An event-related fMRI study. *Journal of Cognitive Neuroscience, Suppl.*, pg 87.
31. Camblin, C.C., Swaab, T.Y. and Gordon, P.C. (2002) Context Effects on Lexical Repetition: ERP Evidence for Hemispheric Asymmetry. 2002 abstractviewer/itinerary planner (279.2). Washington DC: Society for Neuroscience.
32. Swaab, T.Y., Giesbrecht, B. & Camblin, C.C. (2002) Imaging Imageability: Event-Related fMRI Evidence for Dual Codes in Semantic Memory. 2002 abstractviewer/itinerary planner (17.2). Washington DC: Society for Neuroscience.
33. Camblin, C.C., Gordon, P.C., and Swaab, T.Y. (2003) Coreferential Processing in the Right Hemisphere: An ERP study. *Journal of Cognitive Neuroscience, Suppl.*
34. Nakano, H. & Swaab, T.Y. (2003). Incremental Integration Processes in Short Auditory Sentences: An ERP study *Journal of Cognitive Neuroscience, Suppl.*
35. Britz, J & Swaab, T.Y. (2003). Semantic Integration in Sentence- and Discourse-Contexts: An ERP Study. *Journal of Cognitive Neuroscience, Suppl.*
36. Kaan, E., Swaab, T. Song, A., & McCarthy, G. (2003). Syntactic processing in the anterior temporal lobe. Poster presented at the 16th Annual CUNY conference on Human Sentence Processing, New York.
37. Ledoux, K., Swaab, T.Y., Camblin, C.C., & Gordon, P.C. (2004) The modulation of lexical repetition effects by discourse context: An ERP study of coreference. Poster presented at the 17th Annual CUNY conference on Human Sentence Processing, Maryland
38. Camblin, C.C, Gordon, P.C., & Swaab, T.Y. (2004). The time course of associative and discourse priming effects: Evidence from eye tracking and ERPs. Poster presented at the 17th Annual CUNY conference on Human Sentence Processing, Maryland
39. Camblin, C.C, Swaab, T.Y., & Gordon, P.C., (2004). Facilitative effects of Lexical association and discourse congruity during reading. *Journal of Cognitive Neuroscience, Suppl.* Pg. 173
40. Nakano, H. & Swaab, T.Y. (2004). Individual Differences in the Effects of Plausibility on Incremental Sentential Integration: An ERP Study. *Journal of Cognitive Neuroscience, Suppl.* Pg. 206
41. Britz, J & Swaab, T.Y. (2004). ERP evidence for differential influence of lexical relations on semantic integration in sentence and discourse contexts. 2004 abstractviewer/itinerary planner (477.6). San Diego: Society for Neuroscience.
42. Camblin, C.C, Swaab, T.Y., & Gordon, P.C., (2004). Associate and discourse context effects in reading: Evidence from eyetracking and ERPs. 2004 abstractviewer/itinerary planner (137.3). San Diego: Society for Neuroscience.
43. Ledoux, C., Camblin, C.C., Gordon, P.C. & Swaab, T.Y. (2004). Dissociation of lexical and Discourse context effects in repeated name coreference. 2004 abstractviewer/itinerary planner (477.5). San Diego: Society for Neuroscience.
44. Nakano, H. & Swaab, T.Y. (2004). Electrophysiological evidence for effects of verbal working memory capacity on incremental thematic integration in spoken sentence comprehension. 2004

- abstractviewer/itinerary planner (477.9). SanDiego: Society for Neuroscience.
45. Britz, J., & Swaab, T. (2005). Delayed lexical integration in sentence and discourse contexts in aphasia: Evidence from ERPs. *Journal of Cognitive Neuroscience, Suppl*, Pg, 177
 46. Ledoux, K., Traxler, M., & Swaab, T.Y. (2005) Evidence from event-related potentials of the priming of syntactic structure. *Journal of Cognitive Neuroscience, Suppl*, Pg, 29
 47. Nakano, H. & Swaab, T.Y. (2005). Aphasic patients with IFG lesions are impaired in the in the integration of thematic information in simple unambiguous sentences. *Journal of Cognitive Neuroscience, Suppl*, Pg, 227
 48. Swaab, T.Y., Ledoux, K., Boudewyn, M., Camblin, C.C., & Gordon, P.G. (2006) When and How do Readers and Listeners establish Coreference with Repeated Names? Evidence from ERPs. *Journal of Cognitive Neuroscience, Suppl*, Pg,
 49. Loomis, J.G., & Swaab, T.Y. (2006). Dissociable Effects of Priming and Imageability in the Attentional Blink: An ERP study. *Journal of Cognitive Neuroscience, Suppl*, Pg,
 50. Kacinik, N.A., Shatnawi, S., Polse, L., Swaab, T.Y. & Baynes, K. (2006). Left and Right Hemisphere Contributions to the Comprehension of Figurative and Literal Language. *Journal of Cognitive Neuroscience, Suppl*, Pg,
 51. Kacinik, N.A., Gordon, P.C., & Swaab, T.Y. (2007). Cerebral Asymmetries for Co-Referential Processing: An ERP study. *Journal of Cognitive Neuroscience, Suppl*, Pg,
 52. Polse, L., Gordon, P.C., & Swaab, T.Y., Camblin, C.C. (2007). Discourse Congruity overrides Semantic Priming during Spoken Language Comprehension: An ERP study. *Journal of Cognitive Neuroscience, Suppl*, Pg,
 53. Tooley, K., Traxler, M., & Swaab, T.Y. (2007). An ERP Investigation of Syntactic Priming in Language Comprehension. *Journal of Cognitive Neuroscience, Suppl*, Pg,
 54. Ledoux, K., Gordon, B., Roll, M., & Swaab, T.Y. (2007). The influence of implicit causality on the establishment of coreference: An event-related potential study of reading. *Journal of Cognitive Neuroscience, Suppl*, Pg,
 55. Johns., C., Gordon, P.C., & Swaab, T.Y. (2007). Linguistic and Non-Linguistic Focus Effects in Coreferential Processing: An ERP Investigation. *Journal of Cognitive Neuroscience, Suppl*, Pg,
 56. Gordon, P.C., Kacinik, N., & Swaab, T.Y. (2008). Mechanisms of Coreference. Paper presented at CUNY Conference on Sentence Processing, Chapel Hill.
 57. Kerry Ledoux, Barry Gordon, Mikael Roll, and Tamara Y. Swaab (2008). The influence of implicit causality on the establishment of coreference: an event-related potential study of reading. Poster presented at CUNY Conference on Sentence Processing, Chapel Hill.
 58. Gordon, P.C., Kacinik, N., & Swaab, T.Y. (2008). Coreferential Processing. Presented at the 49th Annual Meeting of Psychonomics, Chicago.
 59. Johns, C.L., Gordon, P.C., Long, D.L. & Swaab, T.Y. (2008). An ERP Investigation of the Components of Referential Accessibility. Presented at the Annual Meeting of the Cognitive Neuroscience Society.
 60. Ziemba, C., Polse, L, & Swaab, T.Y. (2008). Comparison of Discourse Level Integration during Comprehension of Picture and Spoken Stories: An ERP Study. Presented at the Annual Meeting of the Cognitive Neuroscience Society.
 61. Swaab, T.Y., Kacinik, N., Gordon, P.C. (2008). Cost of Coreferential processing with repeated names: An ERP study. Presented at the Annual Meeting of the Cognitive Neuroscience Society.
 62. Kacinik, N., Aragon, J.C. & Swaab, T.Y. (2008). An ERP Study of Cerebral Asymmetries for Processing Literal and Figurative Meanings. Presented at the Annual Meeting of the Cognitive Neuroscience Society.
 63. Boudewyn, M.A., Camblin, C.C., Gordon, P.C., & Swaab, T.Y. (2008). Discourse and Sentence Contexts Modulate Semantic Priming during Spoken Language Comprehension: An ERP study. Presented at the Annual Meeting of the Cognitive Neuroscience Society.

64. Loomis, G., & Swaab, T.Y. (2008). Effects of Imageability without Awareness in the Attentional Blink: An ERP study. Presented at the Annual Meeting of the Cognitive Neuroscience Society.
65. Gordon, P.C., Kacirik, N. & Swaab, T.Y. (2009) Neural Mechanisms of Coreferential Processing in Language Comprehension. Presented at the Annual Meeting of the Cognitive Neuroscience Society.
66. Johns, C.L., Gordon, P.C., Long, D.L. & Swaab, T.Y. (2009). What does it mean to be prominent? An ERP investigation of different modes of focus. Presented at the Annual Meeting of the Cognitive Neuroscience Society.
67. Boudewyn, M.A., Gordon, P.C., & Swaab, T.Y. (2009). The Modulation of Semantic Priming by Discourse and Sentence Contexts during Speech Comprehension: an ERP Study. Presented at the Annual Meeting of the Cognitive Neuroscience Society.
68. Boudewyn, M.A., Swaab, T.Y., Kring, A., Luck, S., Mangun, G.R., Ragland, D., Ranganath, C. & Carter, C.S. (2010). Online processing of discourse-level congruence and lexical associative priming in schizophrenia: an ERP Study. Poster presented at the annual Cognitive Neuroscience (CNS) Meeting, Montreal.
69. Johns, C.L., Long, D.L., & Swaab, T.Y. (2010). Do you know who that is? Real-world reference and coreferential processing. Presented at the Annual Meeting of the Cognitive Neuroscience Society.
70. Vergara-Martinez, M., & Swaab, T.Y. (2010). ERP correlates of orthographic neighborhood effects using the Levenshtein distance measure. (2010). Presented at the Annual Meeting of the Cognitive Neuroscience Society.
71. Swaab, T.Y., Boudewyn, M.A., Kring, A.M., Luck, S., Mangun, G.R., Ragland, J.D., Ranganath, C., Carter, C.S. (2010). Electrophysiological evidence for impaired discourse processing but spared associative priming in schizophrenia. Poster presented at the annual Neurobiology of Language Conference (NLC), San Diego.
72. Boudewyn, M.A., Long, D.L. & Swaab, T.Y. (2010). Individual differences in effects of lexical association in auditory sentence contexts: an ERP study. Poster presented at the annual Neurobiology of Language Conference (NLC), San Diego.
73. Clinton L. Johns, Debra L. Long, and Tamara Y. Swaab (2010). Do you know who that is? Real-world reference and coreferential processing. Poster presented at the annual Neurobiology of Language Conference (NLC), San Diego.
74. Lijing Qiu, Suiping Wang, Tamara Y. Swaab & Hsuan-Chih Chen (2010). The Effect of World Knowledge is Modulated by Distance During Pronoun Resolution. Poster presented at the annual Neurobiology of Language Conference (NLC), San Diego.
75. Raechel N. Steckley, Kerry Ledoux, & Tamara Y. Swaab (2010). Level of cognitive control is related to use of semantic and structural information during reading. Poster presented at the annual Neurobiology of Language Conference (NLC), San Diego.
76. Marta Vergara-Martínez, Manuel Perea, Pablo Gómez, & Tamara Y. Swaab (2010). The time course of letter position assignment for low- and high-frequency words: An ERP study. Poster presented at the annual Neurobiology of Language Conference (NLC), San Diego.
77. Boudewyn, M.A., Long, D.L. & Swaab, T.Y. (2011). Individual differences in lexical association effects during auditory sentence processing: an ERP study. Poster presented at the annual Cognitive Neuroscience (CNS) Meeting, San Francisco April 2-5.
78. Boudewyn, M.A., Long, D.L. & Swaab, T.Y. (2011). Individual differences in lexical association effects during auditory sentence processing: an ERP study. Poster presented at the annual CUNY Conference on Human Sentence Processing, Stanford University.
79. Lijing Qiu, Suiping Wang, Tamara Y. Swaab, Hsuan-Chih Chen. (2011). The use of stereotypical gender information is modulated by working memory and attention during pronoun resolution. Cognitive Neuroscience Society.
80. Tooley, K., Traxler, M., Swaab, T., Zirnstein, M. & Boudewyn, M. (2011). Implicit learning and

- syntactic priming in comprehension: evidence from ERPs and eye-tracking. Poster presented at the 17th annual Conference on Architectures and Mechanisms for Language Processing, Paris, France September 1-3.
81. Boudewyn, M.A., Tooley, K.M., Zirnstein, M., Swaab, T.Y. & Traxler, M.J. (2011). Priming at a distance: evidence for the dual-mechanism account of syntactic priming. Poster presented at the annual Neurobiology of Language Conference, Annapolis, Maryland November 10-11.
 82. Carter, C.S., Luck, S.L., Swaab, T., Ranganath, C., Ragland, D., Kring, A., Rafael, S., et al., (2011). The neurofunctional substrates of impaired higher cognition in schizophrenia. *Schizophrenia bulletin* 37, 133-134.
 83. Swaab, T.Y. (2012). Context, Control and Comprehension in Schizophrenia: Getting the Global Message Depends on Local Semantic Priming. *Biological Psychiatry*, 71 (8), 99S-99S
 84. Boudewyn, M.A., Swaab, T.Y. & Carter, C.S. (2012). Context, control and comprehension in schizophrenia: getting the global message depends on local semantic priming. Paper presented at the annual meeting of the Cognitive Neuroscience Society, Chicago, Illinois March 31- April 3.
 85. Traxler, M.J., Boudewyn, M.A., Zirnstein, M. & Swaab, T.Y. (2012). Syntactic priming of noun-attached modifiers. *Psychonomics*
 86. Traxler, M.J., Boudewyn, M.A., Zirnstein, M. & Swaab, T.Y. (2012). Syntactic priming in noun vs. verb attachment ambiguities: evidence from ERPs and eye-tracking. Poster presented at the annual CUNY Conference on Human Sentence Processing, CUNY, New York April 14-16.
 87. Traxler, M.J., Boudewyn, M.A., & Swaab, T.Y. (2013) Syntactic priming in comprehension: priming 'early' closure. Paper presented at the annual CUNY Conference on Human Sentence Processing, Columbia, South Carolina. March 21 -23.
 88. Vergara-Martínez, M., Perea, M, Gómez, P, & Swaab, T.Y., (2012). The time course of letter position coding during visual-word recognition. *Psychonomics*.
 89. 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. Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco. April 13- 16.
 90. Blalock, A.R., Boudewyn, M.A., & Swaab, T.Y. (2013) Discourse context attenuates animacy violations, but not of gender-specific pronouns. Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco. April 13- 16.
 91. Swaab, T.Y. (2013). Speech and Span: the Role of Working Memory in Language Comprehension. Paper presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco. April 13- 16
 92. Megan Zirnstein, Matthew J. Traxler, and Tamara Y. Swaab (2013). Context Influences the Electrophysiological Correlates of Semantically Enriched Composition. Poster presented at the annual meeting of the Cognitive Neuroscience Society, San Francisco. April 13- 16.
 93. Boudewyn, M.A., Long, D.L., & Swaab, T.Y. (2013). Pre-activation of semantic features in spoken discourse. Society for the Neurobiology of Language Conference, San Diego, California. November 6-8.
 94. Dave, S., Boudewyn, M.A., Traxler, M. & Swaab, T.Y. (2013). Effects of reference and syntactic ambiguity in spoken discourse. Society for the Neurobiology of Language Conference, San Diego, California. November 6-8.
 95. Dave, S., Boudewyn, M.A. & Swaab, T.Y. (2014). Individual differences in the effects of referential context on syntactic ambiguity resolution. Cognitive Neuroscience Society Meeting, Boston. April 5- 8.
 96. Megan Boudewyn, Shruti Dave, Matthew Traxler, Debra Long, George R. Mangun, Cameron Carter & Tamara Swaab (2014). The influence of referential context on the processing of ambiguous syntactic structures in schizophrenia: Evidence from event-related potentials. Poster Presented at the Annual Meeting of the Cognitive Neuroscience Society, Boston, April 5-8.

97. Trevor A. Brothers, Tamara Y. Swaab, & Matthew J. Traxler (2014). Hemispheric processing differences in masked repetition priming. Poster Presented at the Annual Meeting of the Cognitive Neuroscience Society, Boston, April 5-8.
98. Shruti Dave, Megan Boudewyn, & Tamara Swaab (2014). Individual differences in the effects of referential context on syntactic ambiguity resolution. Poster Presented at the Annual Meeting of the Cognitive Neuroscience Society, Boston, April 5-8.
99. Liv J. Hoversten, Trevor Brothers, Matthew J. Traxler, & Tamara Y. Swaab (2014). Temporal dynamics of semantic and language membership information during bilingual word recognition. Poster Presented at the Annual Meeting of the Cognitive Neuroscience Society, Boston, April 5-8.
100. Tamara Y. Swaab, Megan A. Boudewyn, Debra Long, George Mangun, Matthew J. Traxler, Cameron S. Carter (2014). Impairments in Cognitive Control Modulate Adaptation during Comprehension of Cartoon-like Stories. Poster Presented at the Annual Meeting of the Society for the Neurobiology of Language. Amsterdam, August 27-29.
101. Megan Boudewyn, Debra Long, Matthew Traxler, Tyler Lesh, George R. Mangun, Cameron Carter, Tamara Swaab (2015). Referential context processing deficits in schizophrenia: Evidence from electrophysiology. Poster Presented at the Annual Meeting of the Cognitive Neuroscience Society, San Francisco, March 28-31.
102. Trevor Brothers, Matthew J. Traxler, & Tamara Y. Swaab (2015). Strategic mechanisms of predictive language processing. Poster Presented at the Annual Meeting of the Cognitive Neuroscience Society, San Francisco, March 28-31
103. Shruti Dave, Trevor Brothers, Matthew Traxler & Tamara Y. Swaab (2015). Poster Presented at the Reading the future: context maintenance and task demand affect prediction in elderly readers. Annual Meeting of the Cognitive Neuroscience Society, San Francisco, March 28-31.
104. Trevor Brothers, Tamara Y. Swaab, & Matthew J. Traxler (2015). Poster Presented at the Form-based pre-activation during semantic priming: Evidence from ERPs. Annual Meeting of the Society for the Neurobiology of Language. Chicago, October 15-17
105. Trevor Brothers, Tamara Y. Swaab, & Matthew J. Traxler (2015). Poster Presented at the Early prediction effects and delayed context effects during task-free sentence comprehension. Annual Meeting of the Society for the Neurobiology of Language. Chicago, October 15-17
106. Shruti Dave, Trevor Brothers, Matthew Traxler, & Tamara Swaab (2015). Poster Presented at the Effects of prediction and contextual support on lexical processing in young and older readers as a function of language experience and working memory. Poster Presented at the Annual Meeting of the Society for the Neurobiology of Language. Chicago, October 15-17
107. Liv Hoversten, Trevor Brothers, Tamara Y. Swaab, & Matthew J. Traxler (2015). Behavioral and neural effects of language anticipation during bilingual word production. Poster Presented at the Annual Meeting of the Society for the Neurobiology of Language. Chicago, October 15-17
108. Neli Mihov, Megan Boudewyn, Trevor Brothers, Marta Vergara, & Tamara Swaab (2015). Effects of Cloze Probability and Orthographic Neighborhood on Lexical Processing During Reading. Poster Presented at the Annual Meeting of the Society for the Neurobiology of Language. Chicago, October 15-17
109. Trevor Brothers, Tamara Y. Swaab, & Matthew J. Traxler (2015). Early predictability and delayed integration effects in reading: Neural and behavioral Evidence. Paper Presented at the Annual CUNY Conference on Sentence Processing, Gainesville, Florida, March 3-5
110. Trevor Brothers, Tamara Y. Swaab, & Matthew J. Traxler (2015). Long-term syntactic adaptation for relative clause attachment preferences: Evidence from ERPs. Poster Presented at the Annual CUNY Conference on Sentence Processing, Gainesville, Florida, March 3-5
111. Wonil Choi, Matthew, W. Lowder, Fernanda Ferreira, Tamara Swaab, & John M. Henderson (2015). The effects of contextual predictability and parafoveal preview on word recognition during reading: A

- comparison between older and young adults. Poster Presented at the Annual CUNY Conference on Sentence Processing, Gainesville, Florida, March 3-5
112. Trevor Brothers, Tamara Y. Swaab, & Matthew J. Traxler (2016). Isolating visual, orthographic, and semantic pre-activation during lexical processing. Poster Presented at the Annual Meeting of the Cognitive Neuroscience Society, New York, April 2-5.
 113. Shruti Dave, Trevor Brothers, Matthew Traxler & Tamara Y. Swaab (2016). Consolidation of prediction in discourse as a function of cloze probability in young and older adults. Poster Presented at the Annual Meeting of the Cognitive Neuroscience Society, New York, April 2-5.
 114. Liv J. Hoversten, Trevor Brothers, Tamara Y. Swaab, & Matthew J. Traxler (2016). The role of orthographic bias information during bilingual word recognition. Poster Presented at the Annual Meeting of the Cognitive Neuroscience Society, New York, April 2-5.
 115. Hossein Karimi, Tamara Swaab, & Fernanda Ferreira (2016). The effect of sentence complexity on the resolution of ambiguous pronouns. Poster Presented at the Annual Meeting of the Cognitive Neuroscience Society, New York, April 2-5.
 116. Trevor Brothers, Shruti Dave, Liv J. Hoversten, Matthew J. Traxler, & Tamara Y. Swaab (2016). Expect the unexpected: Speaker reliability shapes online lexical anticipation. Poster presented at the Annual Meeting of the Society for the Neurobiology of Language. London, August 17-19
 117. Shruti Dave, Trevor Brothers, & Tamara Y. Swaab (2016). Age-Related Increase in Neural Noise Influences Predictive Processing during Reading. Paper presented at the Annual Meeting of the Society for the Neurobiology of Language. London, August 17-19.
 118. Shruti Dave, Trevor Brothers, Matthew Traxler, Tamara Y. Swaab (2017). Working Memory and Cognitive Control Modulate Effects of Speaker Reliability on Predictive Processing during Comprehension. Meeting of the Cognitive Neuroscience Society, San Francisco, March 25-28
 119. Trevor Brothers, Matthew W. Lowder, John M. Henderson, Fernanda Ferreira, Matthew J. Traxler, Tamara Y. Swaab (2017). Neural Consequences of Syntactic Surprisal during Reading. Meeting of the Cognitive Neuroscience Society, San Francisco, March 25-28
 120. Kathryn Bousquet, Tamara Y. Swaab, Debra Long (2017). Behavioral and Neural Evidence for the Effects of Verb Bias and Syntactic Surprisal on Sentence Processing. Annual Meeting of the Cognitive Neuroscience Society, San Francisco, March 25-28
 121. Kathryn Bousquet, Axel Mecklinger, Tamara Swaab & Debra Long (2018). Associative Recognition for Word Pairs in Ambiguous sentences. Meeting of the Cognitive Neuroscience Society.
 122. Kathryn Bousquet, Tamara Swaab & Debra Long. (2019). Individual Differences in Word Knowledge and Working Memory Capacity Modulate verb Bias Effects. CUNY conference on sentence processing
 123. Kathryn Bousquet, Megan Boudewyn, Debra Long, Fernanda Ferreira, John Henderson & Tamara Swaab (2019). Younger and Older Adults Adapt Differently to Animacy Violations in Fictional Narratives: Electrophysiological Evidence. Annual Meeting of the Cognitive Neuroscience Society.
 124. Timothy Trammel, Natalia Khodayari, Matthew Traxler & Tamara Swaab (2020). Decoding Semantic Content from EEG. Annual Meeting of the Cognitive Neuroscience Society
 125. Timothy Trammel, Matthew Traxler, & Tamara Swaab (2021). Comparing Support Vector Machine and Discriminant Function Analysis Performance for Classifying Word Prediction Accuracy. Annual Meeting of the Cognitive Neuroscience Society.
 126. Shruti Dave, Trevor Brothers, Liv Hoversten, Matthew Traxler & Tamara Swaab (2021). Cognitive Control Mediates Age-Related Change in Flexible Anticipatory Processing during Listening Comprehension. Annual Meeting of the Society for the Neurobiology of Language.
 127. Katherine Sendek, David Corina, Deborah Cates, Matthew Traxler & Tamara Swaab (2022). Referential Processing in Deaf Readers. Annual Meeting of the Cognitive Neuroscience Society.
 128. Agnes Gao, Matthew Traxler & Tamara Swaab (2022). The role of Speech Production in Predictive Processing during Word Recognition. Annual Meeting of the Cognitive Neuroscience Society.

129. Timothy Trammel, Natalia Khodayari, Matthew Traxler, & Tamara Swaab (2022) Comparing support vector machines, discriminant function analysis, and random forest for classifying semantic prediction from EEG signals using averaged- and single- trial data. Annual Meeting of the Cognitive Neuroscience Society.
130. Timothy Trammel, Matthew Traxler & Tamara Swaab (2022) Leveraging EEG decoding to examine automaticity of predictive coding during speech comprehension. Annual Meeting of the Society for the Neurobiology of Language
131. Timothy Trammel, Natalia Khodayari, Steven Luck, Matthew Traxler & Tamara Swaab (2022) Decoding semantic relatedness and prediction from EEG: A classification model comparison. Annual Meeting of the Neurobiology of Language.
132. Katherine Sendek & Tamara Y Swaab (2022) Influence of affective context on prediction in L1 and L2 of Chinese-English bilinguals. Annual Meeting of the Society for the Neurobiology of Language
133. Elaina Jahanfard, Agnes Gao & Tamara Swaab (2022). Do Spanish-English bilinguals pre-activate word form information when predicting in L2? Annual Meeting of the Society for the Neurobiology of Language
134. Agnes Gao, Tamara Swaab & Matthew Traxler (2022) Depth of pre-activation in predictive processing: comparing monolinguals and bilinguals. Annual Meeting of the Society for the Neurobiology of Language.