

Contact Information

New York University, Department of Psychology
Utrecht University,
Dept. of Languages, Literature and Communication

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Education

New York University, PhD	2005-2010
University of Amsterdam, MA, <i>Summa Cum Laude</i>	1998-2005
University of Amsterdam, rMA, <i>Cum Laude</i>	2003-2005
University of Amsterdam, MA, <i>Cum Laude</i>	1998-2003
Max Planck Institute for Psycholinguistics & F.C. Donders Centre for Neuroimaging	2003-2005
Universidad de Sevilla, Facultad de Bellas Artes	2001-2002
Rietveld Art Academy	1997-1998
Montessori Lyceum Amsterdam	1995-1997
Vossius Gymnasium Amsterdam	1992-1995
Royal Conservatory, The Hague	1991-1993

Professional Appointments**Academic Appointments***Research Scientist*

Department of Psychology, New York University, 2013-
Responsible for the NSF-funded project *Crowd-Sourcing Neuroscience*

Research Scientist

Utrecht Institute of Linguistics, Utrecht University, 2014-
Principal Investigator of the NWO-funded project *On the Same Wavelength*

Postdoctoral Associate

Department of Psychology, New York University, 2012-2013
Investigated the neural bases of memory and language

Postdoctoral Fellow

Sackler Institute for Developmental Psychobiology
Weill-Cornell Medical Center, 2010-2012
Conducted research on the neural bases of language, prediction, and synchrony

Graduate Student Teaching Assistant

Departments of Linguistics and Psychology

New York University, 2005-2010

Taught various Linguistics and Psychology courses; conducted linguistics research

Professional Consulting & Miscellaneous

Liaison, Steering Committee

Watermill Art & Science: Insights into Consciousness Group, 2013-

Curator Annual Watermill Art & Science: Insights into Consciousness Workshop

Brain Educator

American Museum of Natural History, 2013-2015

Curated AMNH's continuing education and events in neuroscience

Researcher / Consultant (project: Latinos in New York City High Schools)

New York City Department of Education / CUNY Graduate Center, Department of Urban Education / The Research Institute for the Study of Language in Urban Society, New York City, 2008-2010

Investigated the role of school language policy and use in Latino graduation rates

Staff / research affiliate

De Taalstudio, Netherlands, 2004-2007

Managed various projects relating to language policy and science literacy

Assistant to the Senior Science Program Specialist

UNESCO, New York City, 2007-2008

Assisted in projects relating to language, climate change and cultural heritage

Illustrator

Various, 2002-

E.g., Netherlands State Exam course book, fiction, and scientific illustrations

Editor (freelance)

International Committee of the Red Cross, 2004-2005

Edited Spanish version of the Red Cross Human Rights course package

Student Assistant International Relations

International Office, Faculty of Humanities, University of Amsterdam, 2003-2004

Responsible for international student exchange program support

Research Assistant

Department of Dutch Language, University of Amsterdam, 2003

Conducted research on foreign language acquisition

High School teacher Spanish

Joke Smit College, Amsterdam, 2000-2001

Taught Spanish Language to second-chance students (adult drop-outs)

Administrative staff

General Consulate of Columbia, Amsterdam, 1999

Carried out Spanish-Dutch translations, performed general office duties

Assistant/operator to the editorial departments

PCM Publishers, Amsterdam 1997-2002

Phone assistant for major Dutch newspapers de Volkskrant, Parool, and Trouw

Bibliography

Articles in refereed journals

Matusz, P., **Dikker, S.**, Huth, A., Perrodin, C. (under review). Are we ready for real-world neuroscience? *Journal of Cognitive Neuroscience*.

Bevilacqua, D. *, Davidesco, I. *, Wan, L. Oostrik, M., Chaloner, K., Rowland, J., Ding, M., Poeppel, D., & **Dikker, S.** (under review). Brain-to- Brain Synchrony and Learning Outcomes vary by Student-Teacher Dynamics: Evidence from a real-world classroom EEG study. *Journal of Cognitive Neuroscience*.

Dikker, S.*, **Michalareas, G.***, Oostrik, M., Serafamaki, A., Kahraman, H.M., Struiksm, M., Poeppel, D. (under review). Social engagement and affect predict inter-brain synchrony during face-to-face interaction: evidence from a sample of 1,568 people. *Nature Communications*.

Dikker, S.*, **Wan, L.***, Davidesco, I., Kaggen, L., Oostrik, M., McClintock, J., Rowland, J., Michalareas, G., Van Bavel, J.J., Ding, M., Poeppel, D. (2017). Brain-to-Brain Synchrony Tracks Real-World Dynamic Group Interactions in the Classroom. *Current Biology* 27(9), 1375–1380. <http://dx.doi.org/10.1016/j.cub.2017.04.002>

Dikker, S., Silbert, L., Hasson, U., & Zevin, J. (2014). On the same wavelength: predictable language enhances speaker–listener brain-to-brain synchrony in posterior superior temporal gyrus. *Journal of Neuroscience*, 34(18): 6267-6272; doi: 10.1523/JNEUROSCI.3796-13.2014

Dikker, S. & Pylkkänen, L. (2012). Predicting language: MEG evidence for lexical preactivation. *Brain and Language*, DOI:10.1016/j.bandl.2012.08.004y.

Dikker, S. & Pylkkänen, L. (2011). Before the N400: effects of lexical-semantic violations in visual cortex. *Brain and Language*, 118, 23-28.

Dikker, S., Rabagliati, H. & Pykkänen, L. (2010). Early occipital sensitivity to syntactic category is based on form typicality. *Psychological Science*, 21(5), 629-634.

Dikker, S., Rabagliati, H.* & Pykkänen, L. (2009). Sensitivity to syntax in visual cortex. *Cognition*, 10(3), 293-321.

Book chapters and working papers

Dikker, S. (2008). Spanish prepositions in Media Lengua: redefining relexification. In: Stolz, T., D. Bakker & R. Salas Paloma (eds.). *Romancisation worldwide*. Berlin: Mouton de Gruyter.

Arends, J., Verhagen, J., Van Lier, E.H., **Dikker, S.**, & Cardoso, H. (2006). On the presence versus absence of morphological marking in four Romance-based creoles. In: Bhatt, P. & I. Plag (eds.). *The structure of creole words: Segmental, syllabic and morphological aspects*. Tübingen: Niemeyer.

Dikker, S. & Van Lier, E.H., (2005). The interplay between syntactic and contextual information: Agreement domains. In: Mackenzie, J.L. & M.A. Gómez-González (eds.). *Studies in Functional Discourse Grammar (Linguistic Insights, 26)*. Berne: Peter Lang.

Dikker, S. (2004). On the whereabouts of gender and number agreement: location and accessibility. In: Hengeveld, P.C. (ed.). *Morphology in Functional Discourse Grammar. Working Papers in FG*, 79.

Dikker, S. (2002). El indefinido e imperfecto en el español como L2: El proceso de definición y perfección de una distinción aspectual. [The indefinite and imperfect in Spanish as a second language: defining and perfecting an aspectual distinction]. In: *Andalusischer Germanistenverband Magazin*, Diciembre 2002, pp. 22-32, edited by the Asociación de Germanistas de Andalucía (AGA) y la Federación de Asociaciones de Germanistas en España (FAGE).

Miscellaneous publications & features

Science/Art

Out of the Lab, film by Noah Blumenson Cook, Marina Abramovic Institute, 2014. Crowdsourcing Neuroscience, *Imagine Science*, May 2014.

Sleuthing the Mind, *Leonardo Magazine*, 47(5), 429-435, 2014.

Neuroscience Package, Marina Abramovic Institute, 2014.

Science/Policy

Latinos in New York City High Schools (LAT-NYHS). (Report, 2010). Commissioned by the New York City Department of Education, Office of English Language Learners. With Prof. Ofelia Garcia, Nelson Flores, Heather Homonoff-Woodley, Haiwen Chu, and Laura Kaplan of The Urban Education Program of the CUNY Graduate Center, the Research Institute for the Study of Language in Urban Societies.

Taalanalyse: een vak apart. [report on the scientific validity of language analysis as a method to determine the origin of asylum seekers]. De Taalstudio. With Maaïke Verrips, 2004.

Guidelines for the Use of Language Analysis in Relation to Questions of National Origin in Refugee Cases. *Speech, Language and the Law*, 11(2), 1350-1771. Co-authored as a member of the Language and National Origin Group, 2004.

Child Language. Kennislink, 2005. With Maaïke Verrips.

Summary/review of Tomoyuki Koijima & Kimitaka Kaga (2003), 'Auditory lexical-semantic processing impairments in aphasic patients reflected in event-related potentials (N400)'. In: *Afasiologie. Referatenblad voor Taalpathologie*, 26,2, maart-april 2004, pp. 44-45 \$

Exhibitions & Public Events

The Mutual Wave Machine. With Matthias Oostrik, Peter Burr, Diederik Schoorl

- *OPUS 1*, Merriweather MD 2017
- *Pioneer Works*, Brooklyn 2017
- *FORMS Festival*, Toronto 2016
- *3LD Art & Technology Center*, New York City 2016
- *Innovation Expo*, Amsterdam 2016
- *Benaki Museum*, Athens Greece 2016
- *Cultural Sundays & Utrecht University Lustrum*, The Netherlands 2016
- *National Science Agenda*, The Netherlands 2015
- *Lowlands Festival*, The Netherlands 2015
- *Zaal 3 Theater aan het Spui*, The Hague 2014
- *Nemo Science Center*, Amsterdam 2014
- *Lexus Hybrid Art*, Moscow 2014
- *Silicon Valley Contemporary*, San Jose 2014
- *Eye Film Institute*, Amsterdam 2013
- *Today's Art Festival*, The Hague 2013

Mutual Brainwaves Lab. With Matthias Oostrik

- *Neuroleadership Summit*, New York City 2017
- *Pioneer Works*, Brooklyn 2017
- *Volkswagen ComCon*, Berlin 2017
- *Hersenstichting Ledendag*, Utrecht 2016
- *Drongo Language Festival*, Utrecht 2016
- *Berlin Tech Open Air Festival*, Berlin 2016
- Sochi Science Museum, Sochi Russia 2016-2018
- *Annual Meeting of the Social and Affective Neuroscience Society*, New York City 2016
- *Brains Gone Wild*, American Museum of Natural History, New York City 2016
- *Neuroleadership Summit*, New York City 2015
- *World Science Festival*, New York City 2014 & 2015
- *IMPAKT Festival*, Utrecht 2014
- *Brain Games*, National Geographic Channel 2014
- *Basilica*, Hudson NY 2013
- *Brain Awareness Week*, American Museum of Natural History 2013

Intentions. With Drazen Bosnjak, Simon Henin & Marina Abramovic

- *Bell Labs Anechoic Chamber*, Lucent Technologies New Jersey 2014

NeuroTango. Presented by ArtLab

- *Cantina Royal*, New York Brain Awareness Week 2014

Compatibility Racer. With Lauren Silbert, Matthias Oostrik, Jennifer Silbert, Oliver Hess

- *Kulturpark Festival*, Berlin Germany 2012

Measuring the Magic of Mutual Gaze. With Marina Abramovic, & Matthias Oostrik
Jason Zevin, and representatives of the Annual Art and Science: Insights into Consciousness
Workshop.

- *Sleuthing the Mind*. Manhattan Pratt Gallery, New York City, Fall 2014
- *SOFT CONTROL: Art, Science and the Technological Unconscious*. Cultural Capital of Europe, Slovenia, November 2012
Marina Abramovic: The Artist is Present, the Garage Center of Contemporary Culture, Moscow, Russia, 2011

Invited Talks

2018

- MuseumJeugdUniversiteit. Rijksmuseum Boerhaave. Leiden. February 2018.
- Sackler Seminars. Weill-Cornell Medical Center, Dept. of Psychiatry. New York City. January 2018.

2017

- Trevor Day School, November 2017.
- MIT Hacking the Arts, 2017. Arts & AI panelist, November 2017.
- Foundations of Cognition Series, Donders Centre for Brain, Cognition and Behavior, November 2017.
- Learning and connecting in the real world: conducting neuroscience research in classrooms and museums. Society for Social Neuroscience Conference, Washington DC. November 2017.
- In sync: Balancing Between Interactive Neuroscience and Art. Worlding The Brain. Amsterdam, NL, November 2017.
- The brain basis of real-world social interaction: Connecting art, education, neuroscience, and brains. Leiden University Psychology colloquium series. November 2017.
- Neuroleadership Summit, New York City October 2017.
- Dartmouth University Social Brain Sciences Talk Series, October 2017.
- Davidesco, I, Dikker, S, Poeppel, D. Brain-to-brain synchrony in the classroom. The International Science of Learning Conference, Brisbane, Australia. September 2017.
- The Veerstichting, Leiden University, September 2017.
- Minds of a feather: Social network approaches to similarity in emotion, decision-making, and brainwaves. Symposium at the 18th General Meeting of the European Association of Social Psychology. Granada, Spain, July 2017.
- Performing Neuroscience Roundtable Discussion. Pioneerworks Brooklyn, June 2017.
- Using Neuroscience Methods to Study Learning: Focus on the Process, Not Just the Outcomes. Symposium at the AERA Annual Meeting, San Antonio TX, April 2017.
- Are we ready for real-world neuroscience research? Symposium at the Annual Meeting for the Cognitive Neuroscience Society, San Francisco, March 2017.
- Taking hyperscanning out of the lab: Evidence from an EEG study on 1400 dyads during face-to-face interaction. Blitz talk at the Annual Meeting for the Cognitive Neuroscience Society, San Francisco, March 2017.
- Empathy and synchrony: taking hyperscanning out of the lab. Blitz at the Annual Meeting of the Social and Affective Neuroscience Society, Los Angeles, March 2017.
- Human Mind Project seminar series, University of London, February 2017.
- Volkswagen ComCon, Berlin, February 2017.

2016

- Neuroscience at the Intersection of Business, Art, and Academia. Netherland-America Foundation, New York City, October 2016.
- Talk Talk, Central Booking Gallery, New York City, October 2016.
- Theories and Philosophies of Teaching and Learning Lecture Series @ NYU-Steinhardt, New York City, October 2016.
- Dikker, S. Wan, L., Davidesco, I., Kaggen, L., McClintock, J., Oostrik, M., Rowland, J., Ding, M. & Poeppel, D. Brain-to-brain synchrony during real-world dynamic group interactions: A classroom EEG study. Society of Experimental Social Psychology Annual Conference, Santa Monica, October 2016.
- Clinton Global Initiative Annual Summit, closing plenary session (moderated by President Bill Clinton). New York City, September 2016 (invitation).
- Dikker, S. Wan, L., Davidesco, I., Kaggen, L., McClintock, J., Oostrik, M., Rowland, J., Ding, M. & Poeppel, D. Brain-to-brain synchrony and real-life communication: A classroom EEG study. 22nd Architectures and Mechanisms for Language Processing, Bilbao, Spain, September 2016.
- Max Planck Institute for Empirical Aesthetics, Frankfurt, Germany, July 2016.
- Dikker, S. & Davidesco, I. Brain-to-brain synchrony in the classroom: utilizing portable EEG in schools to integrate research and education. SIG 22 Neuroscience and Education Conference, Amsterdam, June 2016.
- Harmony Institute, New York City, June 2016.
- Dikker, S. & Olie, J.F. Growing up multilingual: Pros... and cons? Netherland Club, New York, NY May 2016.
- Dikker, S. Wan, L., Davidesco, I., Kaggen, L., McClintock, J., Oostrik, M., Rowland, J., Ding, M. & Poeppel, D. Crowd-sourcing the neural basis of real-world dynamic social interactions: evidence from a classroom EEG study. Annual meeting for the Social and Affective Neuroscience Society, New York, April 2016.
- Dikker, S., Wan, L., Davidesco, I., Kaggen, L., McClintock, J., Oostrik, M., Rowland, J., Poeppel, D. & Ding, M. Brain-to-brain synchrony predicts student engagement and social dynamics in the classroom: A crowd-sourcing neuroscience study. The Annual Meeting for the Cognitive Neuroscience Society, NY, April 2016.
- Worlding the Brain. Panel discussion on neuroscience and art. Symposium organized by the University of Amsterdam, March 2016.
- Science Café: the Brain. Panel Discussion moderated by Filemon Wesselink. Tivoli, Utrecht NL, March 2016.
- Dikker, S. Brainwaves sync during social interactions. STEMversation Speaker series, Miami Dade College's (MDC) North Campus, Miami, January 2016.

2015

- Women in Science. Panel Discussion with Wendy Suzuki (NYU) and Sandra Masur (Mount Sinai). Pint of Science USA, DSK Brooklyn, NY, May 2015.
- On signals, waves and brains in interactive art & science. Sonic Research: Psychoacoustic Session I. MoMA PS1, Long Island City, NY, May 2015.
- Dikker, S., Wan, L., Davidesco, I., Kaggen, L., Rowland, J., Poeppel, D. & Ding, M. Brain-to-brain synchrony in the classroom. An EEG-study in the wild. New York Social and Affective Neuroscience Gathering, NY, September 2015.

2014

- Sleuthing the Mind. Panel Discussion curated by Ellen Levy, with Paula Antonelli (MoMA), Pratt Manhattan Gallery New York, NY, October 2014.
- On the same wavelength: science and art on interconnecting brains, Curiosity3: Art and Neuroscience, Columbia University, March 2014.
- Dikker, S. On the same wavelength. Connecting brains, art, and education. Saturday Science, New York University Department of Teaching and Learning, December 2014.
- Dikker, S. On the same brainwavelength. Chicago Ideas Week Edison Talks, Chicago, IL, October 2014.
- Dikker, S. Science and art on interconnecting brains, IMPAKT Festival, Utrecht, NL, October 2014.
- Dikker, S. On the same wavelength: science and art on interconnecting brains, Pint of Science, Cantina Royal, New York, May 2014.
- Dikker, S. Art & Science: The New Frontier. Panel Discussion curated by Paul Young, with Joel Slayton. Silicon Valley Contemporary, San Jose CA, April 2014.
- Dikker, S. On brain-to-brain synchronization during dance. NeuroTango, Cantina Royal, New York. March 2014.
- Dikker, S. Does language help our minds resonate in synchrony? Spring Fest, Utrecht University, February 2014.
- Dikker, S. Mutual Brainwaves Lab, Brain Games, National Geographic Channel, February 2014.

2013

- The power of mutual gaze, Luminato Festival, Toronto, June 2013.
- Dikker, S. Predicting language and connecting brains. Mayfest. University of Maryland, May 2013.
- Dikker, S. Measuring the magic of mutual gaze. IMC Lab Gallery, New York, NY, May 2013.
- Dikker, S. On the same wavelength: science and art on interconnecting brains. Cognitive Humanities: An Expert Meeting on the Interfaces between Performance Studies and the Sciences. Utrecht University, February 2013.

2012

- Talking Creole. Global Weekends: New Orleans. American Museum of Natural History, New York City, 2012.
- Dikker, S., Oostrik, M., & Abramovic, M. Measuring the magic of mutual gaze. SOFT CONTROL: Art, Science & the Technologically Unconscious (Conference). Maribor, Slovenia, November 2012.
- Dikker, S. Predicting language and connecting brains. Language and Cognition Colloquium, Harvard, MA, October 2012.
- Dikker, S. & Remole, K. (2012). Is your brain wired for language? American Museum of Natural History, New York City.
- Dikker, S. Predicting language and connecting brains. Haskins Staff Talks, Haskins Laboratories, CT, September 2012.
- Dikker, S. Measuring the magic of mutual gaze. Art & Science: Insights into Consciousness. The Watermill Center, New York, 2012.

2011

- Dikker, S., Pylkkänen, L. Prediction words: MEG evidence for lexical preactivation. 3rd Neurobiology of Language Conference, Annapolis, MA, November 2011.
- Chu, H., Dikker, S. & Homonoff-Woodley, H. What is working: Latinos in New York City High Schools. Immigration and Education Policy, New York City, 2011.
- Dikker, S., Otheguy, R. & Martohardjono, G. The linguistic competence of second generation bilinguals: systematic grammar or incomplete acquisition? Annual Forum of the Research Institute for Studies of Language in Urban Society, New York, May 2011.
- Dikker, S. Imaging Human Interaction. Sackler Advisory Board Meeting. New York, April 2011.
- Dikker, S. Imaging human Interaction. Art and Science: Insights into Consciousness. The Watermill Center, New York, 2011.

2009

- Dikker, S. Sensitivity to syntax in visual cortex. Max Planck Institute for Human Cognitive & Brain Sciences, Leipzig, Germ., July 2009.

2008

- Dikker, S. Syntax at 130ms: 3 MEG experiments. Neurolinguistics and Imaging: Progress and Prospects Workshop, NYU Abu-Dhabi, United Arab Emirates, December 2008.
- Dikker, S. Language prediction in code-switching. Automatic Processing of Natural Code Switching, Tampa, FL, 2008.
- Dikker, S., Rabagliati, H. & Pylkkänen, L. Sensitivity to Syntax in Visual Cortex: a magnetoencephalography study. Sackler Science Series. Sackler Institute for Developmental Psychobiology, Weill Medical College of Cornell University, New York, NY, June 2008.
- Dikker, S. Language prediction in code-switching. Automatic Processing of Natural Language Code Switching, Tampa, FL, April 2008.

2007

- Dikker, S. & Rabagliati, H. MEG reveals sensitivity to phrase-structure violations in visual cortex. Psycholinguistics Supper, Department of Linguistics, CUNY Graduate Center, New York, NY, March 2007.
- Dikker, S., Rabagliati, H. & Pylkkänen, L. Sensitivity to syntax in visual cortex: an MEG study. Cognitive Neuroscience Society Annual Meeting, New York, NY, May 2007. (Graduate Students Present award)
- Dikker, S., Rabagliati, H. & Pylkkänen, L. MEG reveals early sensitivity to phrase-structure violations in visual cortex. 20th Annual CUNY Conference on Human Sentence Processing. La Jolla, CA, March 2007.

2006

- The classification of Spanish prepositions: Evidence from Media Lengua. Linguistic Symposium on Romance Languages (LSRL 36), Rutgers University, USA, March-April 2006.

2005

- Language analysis as a method to determine national origin in asylum cases. in collaboration with Carolien van den Hazelkamp. Paper to be presented at the *Linguistics in the Netherlands day 2005* (TIN-dag), January 2005
- On the collection of 'useful and reliable data'. in collaboration with Maaïke Verrips. *7th Biennial Conference on Forensic Linguistics/Language and Law*, July 2005

2004

- On the whereabouts of gender and number agreement: location and accessibility. With special reference to psycho- and neurolinguistic evidence. in collaboration with Eva van Lier. Paper presented at the *11th International Conference on Functional Grammar (ICFG11)*, Universidad de Oviedo, Spain, September 2004
- Los límites de la relexificación en una lengua bilingüe mezclada: preposiciones castellanas en la Media Lengua. paper presented at the *Conference on Amerindian languages in contact with Spanish: linguistic and sociolinguistic issues*, University of Amsterdam, The Netherlands, June 2004
- A unit-based approach to the representation of agreement morphology in Functional Discourse Grammar. Functional Grammar Colloquium, UvA, March 2004.

2003

- Morphological richness and formative context of four Romance-based creoles. in collaboration with Josje Verhagen, Eva van Lier, Hugo Cardoso, and Jacques Arends. Paper presented at the *International Workshop on the Phonology and Morphology of Creole Languages*, University of Siegen, Germany, October 2003

Conference Proceedings / Poster presentations

- Bevilacqua, D., Davidesco, I., Wan, L., Oostrik, M., Ding, M., Poeppel, D. & Dikker, S. Learning outcomes and brain-to-brain synchrony between students vary by teaching style: evidence from classroom EEG experimentation. Annual Meeting for the Cognitive Neuroscience Society, San Francisco, March 2017.
- Dikker, S., Michalareas, G., Kahraman, H.M., Poeppel, D. Taking hyperscanning out of the lab: Evidence from an EEG study on 1400 dyads during face-to-face interaction. Annual Meeting for the Cognitive Neuroscience Society, San Francisco, March 2017.
- Dikker, S., Wan, L., Davidesco, I., Kaggen, L., McClintock, J., Oostrik, M., Rowland, J., Poeppel, D. & Ding, M. Brain-to-brain synchrony predicts student engagement and social dynamics in the classroom: A crowd-sourcing neuroscience study. The Annual Meeting for the Cognitive Neuroscience Society, NY, April 2016.
- Dikker, S., Wan, L., Davidesco, I., Kaggen, L., McClintock, J., Oostrik, M., Rowland, J., Poeppel, D. & Ding, M. Student-to-student brain synchronization predicts classroom engagement and social dynamics. AAAS Annual Meeting, Washington DC, February 2016.
- Davidesco, I., Kaggen, L., Westerlund, M., McClintock, J., Poeppel, D. & Dikker, S. From participants to researchers: an interactive neuroscience program for high school students. Society for Neuroscience Annual Meeting, Chicago, IL, Oct 2015.
- Wan, L., Dikker, S., Davidesco, I., Kaggen, L., Rowland, J., Poeppel, D. & Ding, M. Modulation of Alpha Power in Social Context Predicts Distractibility in the Classroom. Society for Neuroscience Annual Meeting, Chicago, IL, October 2015.
- Wan, L., Dikker, S., Davidesco, I., Kaggen, L., Rowland, J., Poeppel, D. & Ding, M. Leader-follower relationships in EEG hyperscanning. Annual Meeting of the Biomedical Engineering Society, Tampa, FL, October 2014.

- Wan, L., Dikker, S., Poeppel, D. & Ding, M. Brain-to-brain coherence revealed by wireless EEG headsets. Society for Neuroscience Annual Meeting, Washington D.C., November 2014.
- Farmer, T.A., Bicknell, K., Dikker, S., Fine, A. & Tanenhaus, M. Word-Form Typicality Effects on Eye-Movements During Reading. 23rd Annual CUNY Conference on Human Sentence Processing, Stanford, CA, March 2011.
- Dikker, S. & Pykkänen, L. Before the N400: Early visual effects of lexical-semantic predictions in MEG. 22nd Annual CUNY Conference on Human Sentence Processing, New York, NY, March 2010.
- Dikker, S., Rabagliati, H., Farmer, TA. & Pykkänen, L. Sensitivity to syntax in visual cortex: the role of form typicality. 1st Neurobiology of Language Conference, Chicago, IL, October 2009.
- Dikker, S., Rabagliati, H., Farmer, TA. & Pykkänen, L. Sensitivity to syntax in visual cortex: the role of form typicality. 22nd Annual CUNY Conference on Human Sentence Processing, Davis, CA, March 2009.
- Dikker, S., Rabagliati, H., Farmer, TA. & Pykkänen, L. Sensitivity to syntax in visual cortex: the role of phonological typicality. 14th Annual Conference on Architectures and Mechanisms for Language Processing (AMLaP 14), Cambridge, UK, September 2008.
- Dikker, S., Rabagliati, H., Farmer, TA. & Pykkänen, L. Sensitivity to syntax in visual cortex: a manipulation of prediction strength and morphological type. 21st Annual CUNY Conference on Human Sentence Processing, Chapel Hill, NC, March 2008.
- Dikker, S. & Indefrey, P. Fine-graining structure prediction in sentence processing: How language mixing reveals an economic parser. 20th Annual CUNY Conference on Human Sentence Processing. La Jolla, CA, March 2007.
- Dikker, S. & Indefrey, P. Incremental versus depth-first structure generation in parsing: Experimental evidence from word order patterns in code-switching. 12th Annual Conference on Architectures and Mechanisms for Language Processing (AMLaP 12), Nijmegen, the Netherlands, August-September 2006.
- Dikker, S. & Indefrey, P. Disentangling incremental and top-down parsing: experimental evidence from VO/OV word order patterns in code-switching. 19th Annual CUNY Conference on Human Sentence Processing, City University of New York, USA, March 2006.

Grants

NIH SEPA. BrainWaves: an EEG-based neuroscience curriculum development and teacher training for underserved high schools. Wendy Suzuki, PI. 2017 - 2022

Stichting Niemeijer Fonds sustained support. With Matthias Oostrik. 2017-2019 (EUR 45,000)

NSF Division Of Research On Learning. Brain-to-brain synchrony in STEM learning. David Poeppel & Catherine Milne, PI. 2017-2020.

NSF BCS- INSPIRE – awarded extension. Crowd-sourcing neuroscience: Neural oscillations and human social dynamics. David Poeppel, PI. 2016-2018. (USD 254,000).

NSF BCS- INSPIRE. Crowd-sourcing neuroscience: Neural oscillations and human social dynamics. David Poeppel, PI. 2016-2018. (USD 1,000,000).

VENI, Netherlands Organisation for Scientific Research Talent Scheme. Suzanne Dikker, PI. 2013-2018 (EUR 250,000).

Creative Industries Fund, Suzanne Dikker & Matthias Oostrik, 2015-2016 (EUR 25,000).

Traveling Dialogues, Creative Industries Fund, 2016-2017 (EUR 6,000)

Fellowships, Prizes, and Awards

MoBI Award, announced at Society for Psychophysiological Research, 2017 (2nd place)

Art of Neuroscience Award, Federation of European Neuroscience Societies, 2016

Graduate Students Present Award, Cognitive Neuroscience Society, 2007

Talent Award, Netherlands Organisation for Scientific Research, 2005

McCracken Fellowship, 2005-2010

Erasmus Fellowship, 2001-2002

Special Recognition

“Artists crafting the future of immersive experience” Creators Project, 2016

“Top-10 digital artists defining their era” ArtFetch, 2014

“The 10 coolest classes in New York City”, Time Out New York, 2014

Reviewing Activities for Journals, Conferences, and grant agencies

Nature Scientific Reports

PLOS One

Cerebral Cortex

Journal of Cognitive Neuroscience

Psychonomic Bulletin & Review

NeuroImage

Brain and Language

Cognition

Language, Cognition, and Neuroscience

Language and Linguistics Compass

Language and Cognitive Processes

Journal of Memory and Language

Functions of Language
National Science Foundation
Architectures and Mechanisms of Language Processing
CUNY Conference on Human Sentence Processing
Neurobiology of Language

Teaching and Advising

Spring 2017	Advanced Neuroscience Utrecht University, Netherlands (guest lecturer)
Fall 2005-present	Guest lectures for various undergraduate courses on topics related to interactive art and science, (cognitive) neuroscience, psycholinguistics, linguistics, language and society, bilingualism, language and education
Spring 2016	Advanced Neuroscience Utrecht University, Netherlands (guest lecturer)
Fall 2015	Creativity and Cognition School of Visual Arts, New York (guest lecturer)
Fall 2015	Intro to Neuroscience PS 84, New York City (primary school; 4th grade)
Fall 2015	Research Class Grace Church School, New York City (co-advisor)
Spring 2015	Language and the Brain LOT Summer School Louvain, Belgium (PhD and MA program)
Spring 2015	Discovering the Mind: Unlocking the Biology of Addiction, Autism, ADHD, and Depression American Museum of Natural History, New York City Sackler Brain Bench Salon Series
Spring 2015	Mindsweeper: Neuroscience in the classroom Trevor Day School, New York City
Spring 2015	Hostile Takeovers: How Parasites can Control Your Mind American Museum of Natural History, New York City Sackler Brain Bench, Brain Awareness Week
Spring 2015	The Early Childhood Brain American Museum of Natural History, New York City Sackler Brain Bench
Fall 2014	Intro to Neuroscience Trevor Day School, New York City (high school)
Fall 2014	Human Brain Development and Aging American Museum of Natural History, New York City Sackler Brain Bench
Fall 2014	Illuminating the Brain American Museum of Natural History, New York City Sackler Brain Bench
Spring 2014	Poison and the Brain American Museum of Natural History, New York City Brain Awareness Week
Spring 2014	Your Busy Brain American Museum of Natural History, New York City Sackler Brain Bench
Spring 2014	Mind over Myth American Museum of Natural History, New York City Sackler Brain Bench
Fall 2013	Pick Your Poison American Museum of Natural History, New York City Sackler Brain Bench

Fall 2013	Your Brain in Action American Museum of Natural History, New York City Sackler Brain Bench
Fall 2012	Is Your Brain Wired for Language? American Museum of Natural History, New York City instructor
Spring 2012	Bilingualism Department of Linguistics, NYU instructor
Spring 2010	Bilingualism Department of Linguistics, NYU recitations & guest lectures
Fall 2009	Neural Bases of Language Dpts. of Linguistics / Psychology, NYU recitations & guest lectures
Fall 2008	Neural Bases of Language Dpts. of Linguistics / Psychology, NYU recitations & guest lectures
Spring 2008	Language Department of Linguistics, NYU recitations & guest lectures
Fall 2007	Language & Society Department of Linguistics, NYU recitations & guest lectures
Spring 2007	Bilingualism Department of Linguistics, NYU recitations & guest lectures
Fall 2006	Cognitive Psychology Department of Psychology, NYU recitations
2000 - 2001	Joke Smit College, Amsterdam. 'Second chance' transfer high school for adults Spanish teacher

Supervising

Jenny Qiu, PhD, Dartmouth, expected graduation 2018 (external examiner)
Dana Bevilacqua, MA, New York University, 2016
(first place Annual MA Psych Research Conference)
Hasibe Melda Kahraman, BA, Hunter College, 2016
(second place Hunter Psychology Honors Research Conference)

Professional memberships

American Association for the Advancement of Science
New York Academy of Sciences
Society for Neuroscience
Cognitive Neuroscience Society
American Educational Research Association

Non-University committees, commissions, panels, and other activities.

Art & Science: Insights into Consciousness – The Watermill Center (steering committee, curator; 2012-present)

Sackler Brain Bench – The American Museum of Natural History (curator/coordinator; 2012-2015)

BraiNY: the Greater New York City Chapter of the Society for Neuroscience (leadership role in organizing Brain Awareness Week Events; 2012 – present)

Maria's Libraries – NYC Chapter member (2012 – present)

Sackler Science Series – Sackler Institute for Developmental Psychobiology (coordinator; 2011-2012)

Linguistics Colloquia – New York University, Dept. of Linguistics (committee member; 2007-2008)

MPhil program in Linguistics – University of Amsterdam (program committee member; 2003-2005)

International Conference on Functional Grammar ICFG10 – (University of Amsterdam, organizing committee; 2002)

7th Biennial Conference on Forensic Linguistics / Language and Law – (symposium coordinator: Language Analysis in asylum cases; Cardiff University, UK, 2005)

Language Day – Studio Taalwetenschap (organizing committee; 2002; first place European Platform award)

Selected Media Coverage & Appearances

Los Angeles Times, 2017

Smithsonian Magazine, 2017

Psychologie Magazine, 2017

ABC Radio Sydney, 2017

Frankfurter Neue Presse, 2017

GEO Magazine, 2017

National Public Radio, 2017

Business News Radio, 2017

Scientific American Mind, November/December 2016

The Creators Project, October 2016

CBS News, 2016

ARTE, 2017

National Geographic Channel, 2015

Vice Motherboard, 2015

NPR Science Friday, 2014

WIRED Magazine

The Creators Project

Metropolis M

The New York Times

Time Out New York

The Scientist Magazine

Diario ABC (Spain)
Univision
National Public Radio: The Brian Lehrer Show
New Scientist (Netherlands)
San Francisco Chronicle
ArtFetch
RTV Russia
Moscow Times
de Volkskrant (Netherlands)
Immaterial
DOTS Magazine (Netherlands)
Kennislink (Netherlands)
Onze Taal (Netherlands)
NRC Handelsblad (Netherlands)
Psych Central
Business News Radio (Netherlands)
NPO Radio 1 (Netherlands)
RTL Boulevard (Netherlands)
Imagine Science Films
Nu.nl