

NINA F. DRONKERS, PH.D.
Curriculum Vitae – August 2019

CURRENT POSITIONS

Visiting Scientist
Department of Psychology
University of California, Berkeley
Email: dronkers@berkeley.edu

Adjunct Professor
Department of Neurology
University of California, Davis

Emerita: VA Research Career Scientist
Director, Center for Aphasia and Related Disorders
VA Northern California Health Care System

EDUCATION

University of California, Berkeley – June 1976 - A.B. - Linguistics
University of California, Berkeley – Dec. 1978 - M.A. - Educational Psychology
University of California, Berkeley – May 1985 - Ph.D. - Neuropsychology

Summer Education

University of Lausanne, Switzerland	1973
Linguistic Society of America Institute, Honolulu, Hawaii	1977
Linguistic Society of America Institute, Salzburg, Austria	1979

AREAS OF ACADEMIC SPECIALIZATION

Aphasia
Cerebral localization of language
Language disorders in neurodegenerative diseases
Cognitive deficits resulting from brain injury

PROFESSIONAL AWARDS AND HONORS

1979	Fellowship, Linguistics Society of America
1980 - 1984	Grants and Fellowships, University of California, Berkeley
1982	Fellowship, Max-Planck-Institut für Psycholinguistik, Nijmegen
1982, 1983	Research Grant-in-Aid, Sigma Xi, The Scientific Research Society
1983	Chancellor's Award, University of California, Berkeley
1983	Grant-in-Aid, Founder Region of Soroptimist International
1999	Finalist, UCD Academic Federation Teaching Award
1997 - 1999	Elected President, Academy of Aphasia
2006 - 2018	Research Career Scientist Awardee, Dept. of Veterans Affairs
2008	Contra Costa County "Woman of the Year" for Innovations in Science
2012 - 2015	Elected to the Governing Board, Academy of Aphasia
2014 - 2015	Elected President, Society for the Neurobiology of Language
2015 - 2017	Elected President, Academy of Aphasia
2016	First speaker for the INS Edith Kaplan Memorial Lecture Series

LANGUAGE PROFICIENCY

Fluent in English and Dutch; facility in French, German, Spanish, limited Danish

PROFESSIONAL EXPERIENCE

1984 - 1987	Research Psychologist VA Medical Center, Martinez, California
1987 - present	Research Scientist VA Medical Center/VA Northern California Health Care System, Martinez, California
1987 - 2006	Chief, Speech Pathology Section VA Medical Center, Martinez, California
1989 - present	Assistant/ Associate/ Full Adjunct Professor Department of Neurology, School of Medicine, University of California, Davis
1989 - 2005	Assistant/ Associate/ Full Adjunct Professor Department of Linguistics, University of California, Davis
1992 - 2006	Acting Chief/ Chief, Audiology and Speech Pathology Service VA Northern California Health Care System, Martinez, California
2000 - 2018	Director, Center for Aphasia and Related Disorders VA Northern California Health Care System, Martinez, California
2003 - 2012	Research Scientist, Center for Research in Language University of California, San Diego
2006 - 2017	VA Research Career Scientist VA Northern California Health Care System, Martinez, California
2011	Acting Associate Chief of Staff for Research VA Northern California Health Care System, Martinez, California

PROFESSIONAL AFFILIATIONS

1982, 1999	Visiting Scholar - Max-Planck-Institut fur Psycholinguistik, Nijmegen, The Netherlands
1990	Consultant - Lawrence Hall of Science, University of California, Berkeley
1991 - 1997	Consultant - Honolulu Heart Program, Kuakini Medical Center
1992	Consultant - Division of Neuropsychology, National Institutes of Health
1994	Summer Faculty - Cognitive Science Institute, SUNY Buffalo
1995	Summer Faculty - Cognitive Science Institute, Sofia, Bulgaria
1998	Visiting Scholar - Department of Psychology and Institute for Personality and Social Research, University of California, Berkeley
1998	Summer Faculty - McDonnell Summer Institute for Cognitive Neuroscience, Squaw Valley, California

2002	Consultant - Washington University, St. Louis
2001 - present	Consultant – Memory and Aging Center, Department of Neurology, University of California, San Francisco
2014 - 2017	Academic Supervisor – International Neurolinguistics Laboratory, Moscow Research University, Higher School of Economics
2018 – present	Visiting Researcher, University of California, San Francisco

MEMBERSHIP IN SCIENTIFIC SOCIETIES

Academy of Aphasia (former President)
 American Academy of Neurology
 American Association for the Advancement of Science
 Cognitive Neuroscience Society
 International Neuropsychological Society
 International Association of Logopedics and Phoniatics (invited member)
 Organization for Human Brain Mapping
 Société Anatomique de Paris (invited member)
 Society for Neuroscience
 Society for the Neurobiology of Language (former President)
 World Federation of Neurology (invited member)

SERVICE TO SCIENTIFIC SOCIETIES

1992 - 1995	Chair, Membership Committee, Academy of Aphasia
1992 & 1994	Program Committee, International Neuropsychological Society
1995 - 1999	Board of Governors, Academy of Aphasia
1997 - 1999	Chair, Board of Governors, Academy of Aphasia
1999 - 2005	Administrative Advisor, Academy of Aphasia
2012 - present	Board of Governors, Academy of Aphasia
2013 - 2015	Board of Directors, Society for the Neurobiology of Language
2014 - 2015	President, Society for the Neurobiology of Language
2015 - 2017	Chair, Board of Governors/President, Academy of Aphasia

OTHER PROFESSIONAL ACTIVITIES

National/International Program Review Boards

1994 - 1997	National Center for Neurogenic Communication Disorders, Tucson, Arizona
2003 - 2008	National Institute of Deafness and Communication Disorders
2006	NIH Stroke Progress Review Group
2009 - 2013	VA Research Career Scientist/Promotions Evaluation Committee
2012	VA RR&D Center of Excellence Site Reviewer
2017 – present	Program Reviewer, Max Planck Institute for Cognitive Neuroscience, Leipzig, Germany

Ongoing Ad hoc Grants Reviewer (since 1992) for:

National Institute of Neurological Disorders and Stroke
 National Institute of Deafness and Communication Disorders
 State of Calif. Health Services Dept., Alzheimer's Disease Program
 VA Career Development Awards
 VA Merit Review Board
 VA Rehabilitation Research and Development
 Wellcome Trust (United Kingdom); Medical Research Council (United Kingdom)

Ad hoc Journal Reviewer for:

Aphasiology
Brain
Brain and Language
Cerebral Cortex
Cognition
Cortex
Journal of Cognitive Neuroscience
Journal of Neurolinguistics
Journal of Neurology
Journal of Neuroscience
Nature
Nature Neuroscience
Neurocase
Neuroimage
Neurological Sciences
Neuropsychiatry, Neuropsychology, and Behavioral Neurology
Neuropsychologia
Proceedings of the National Academy of Sciences
Science
Trends in Cognitive Sciences

Service on Local VA Research Committees

1988 - 1997	Scientific Review Committee - VAMC Martinez Research Service
1997 - 2003	Research and Development Committee
1999, 2014	Search Committee - Associate Chief of Staff for Research
1999 - 2003	Board of Directors, East Bay Institute for Research and Education
2001 - present	Magnetic Resonance Imaging Research Committee
2002	Research Service Reorganization Committee
2005 - 2006	Search Committee - Associate Chief of Staff for Research
2009 - 2013	Research Space Committee
2011 - 2012	Chair/Member, Search Committee - Associate Chief of Staff for Research
2011 - 2012	Chair/Member, Steering Committee for Research Service
2011	Leader, ReSTORE Team for Research Service
2011	Team Leader, Process Action Team for Research Administration
2012	Member, Search Committee – Research Administrative Assistant
2014	Search Committee - Associate Chief of Staff for Research
2014 - 2018	Investigator Liaison for new neuroscience research building
2015 - 2018	Research and Development Committee

Service on other VANCHCS Administrative Committees

1995 - 2006	Joint Executive Board/Leadership Forum
1997 - 1999	Strategic Planning Committee
1997 - 2002	Information Management Committee
1998 - 2000	Reorganization Task Force
2003 - 2009	Planning Committee for new Center for Neurorehabilitation Services
2006 - 2008	Search Committee – Chief, Audiology and Speech Pathology

Service on University of California, Davis Committees

1999 - 2008	School of Medicine promotion committees
2003	Dept. of Linguistics/Center for Mind and Brain Search Committee
2014	Dept. of Neurology, Faculty Mentoring Committee

COMMUNITY SERVICE

1973 - 1991	Co-Founder and Board of Directors of Creative Dimensions, Inc.
1993 - 2008	Fund-raiser for public school programs
1996 - present	Visiting Science Instructor for local schools
2006 - 2013	American Heart Association volunteer
ongoing	Lecturer at local community events

LARGER RESEARCH GRANTS AS PRINCIPAL INVESTIGATOR

1987 - 1990	\$174,000, "Structure and Facilitation of Naming Abilities in Aphasia", Veterans Administration Department of Medicine and Surgery, no Co-Investigators
1991 - 1994	\$160,000, "Lexical-Semantic Aspects of Naming Abilities in Aphasia", Veterans Administration, Department of Medicine and Surgery, no Co-Investigators
1994 - 1999	\$350,000, "Semantic Access in the Right Cerebral Hemisphere", National Institute on Neurological Disorders and Stroke, with Kathleen Baynes, Ph.D. as Co-Principal Investigator
1999 - 2002	\$230,000, "Contributing Factors to Post-Stroke Depression in Aphasia", Department of Veterans Affairs Medical Research, with Kathleen Baynes, Ph.D. and Rita Hargrave, M.D. as Co-Investigators
2002 - 2008	\$974,000, "Cognitive Disorders in Stroke: Project 3 - Language", National Institute on Neurological Disorders and Stroke, with Kathleen Baynes, Ph.D. and Diane Swick, Ph.D. as Co-Investigators
2004 - 2008	\$3,070,000, "Cross Linguistic Studies of Aphasia", National Institute on Deafness and Communication Disorders, originally awarded to Elizabeth Bates, Ph.D. in 2001.
2005 - 2009	\$506,000, "Executive Functioning in Stroke Patients with Aphasia", Department of Veterans Affairs Medical Research, with Juliana Baldo, Ph.D. as Co-Investigator
2010 - 2015	\$619,000, "Language Disorders Due to Fiber Tract Disconnection in Aphasic Patients", Department of Veterans Affairs Medical Research, with And Turken, Ph.D., Robert Knight, M.D. and Juliana Baldo, Ph.D. as Co-Investigators

- 2016 - 2018 \$644,000, "Neural Predictors of Recovery from Auditory Comprehension Deficits in Aphasia", Department of Veterans Affairs Medical Research, with And Turken, Ph.D., Robert Knight, M.D. and Juliana Baldo, Ph.D. as Co-Investigators
- 2017 – 2022 \$1,610,000, "Neural Mechanisms and Recovery of Language Production Deficits in Aphasia", National Institute on Deafness and Communication Disorders, with Maria Ivanova, Ph.D. and Juliana Baldo, Ph.D. as Co-Investigators.
- 2019 – 2020 \$250,000, "Neural Mechanisms of Language Production Decline in Primary Progressive Aphasia", National Institute on Deafness and Communication Disorders, Supplement to above grant, with Maria Ivanova, Ph.D. and Maria Luisa Gorno-Tempini, M.D., Ph.D. as Co-Investigators.

RESEARCH CAREER SCIENTIST AWARD

- 2006 - 2018 Full-time salary and benefits to conduct VA-relevant research full-time, mentor and train students and fellows, collaborate with other investigators, and participate in research administration at the local and national levels. This award is funded by the Department of Veterans Affairs, Office of Research and Development, Clinical Sciences R&D Program and is only given to the VA's top scientists.

SMALLER RESEARCH GRANTS AS PRINCIPAL INVESTIGATOR

- 1987 \$3,000, "Differential Diagnosis of Neurogenic Communicative Disorders: A Pilot Study", Veterans Administration Health Services Research and Development
- 1989 \$3,000, "Assessment of Linguistic Dysfunction in Alzheimer's Disease", Veterans Administration Health Services Research and Development
- 1992 - 1993 \$20,000, "Linguistic Analysis and Cerebral Localization of Language Deficits", National Science Foundation (Co-Principal Investigator with Robert Van Valin, Ph.D., David Wilkins, Ph.D. and Jeri Jaeger, Ph.D.)
- 1992 - 1993 \$5,000, "Cerebral Localization of Speech and Language Deficits in Bilinguals", UC Davis Dean's Research Award
- 1993 - 1994 \$20,000, "Lexical-Semantic Aspects of Linguistic Dysfunction in Alzheimer's Disease", UC Davis Alzheimer's Disease Center
- 2000 \$14,000, "A Pilot Study of Intensive Speech Treatment in a Group of Brain-Injured Aphasic Patients", Wells Fargo Foundation

RESEARCH GRANTS FUNDED AS CO-INVESTIGATOR

1988 - 1992	\$559,700, "Rehabilitation of Neurogenic Communicative Disorders in Remote Settings: Field Trial", Veterans Administration Health Services Research and Development (PI = Robert T. Wertz. Ph.D.)
1990	\$7,500, "Effects of Site and Size of Brain Damage on Severity and Prognosis in Aphasia", Veterans Administration Health Services Research and Development (PI = Robert T. Wertz. Ph.D.)
1992	\$8,000, "Effects of Site of Brain Damage on Severity and Prognosis in Aphasia", Veterans Administration Health Services Research and Development (PI = Robert T. Wertz. Ph.D.)
1997 - 1999	\$60,000, "The Use of Multiple Mental Representations in Rehabilitation", McDonnell Foundation (Co-Principal Investigator with Kathleen Baynes, Ph.D. and Lynn Robertson, Ph.D.)
2004 - 2008	\$1,000,000, "Progressive Aphasia: Cognition, Anatomy, and Progression", National Institute on Neurological Disorders and Stroke (PI = Maria Luisa Gorno-Tempini, M.D., Ph.D.)
2004 - 2009	\$763,000, "Attentional Disorders in Patients with Brain Injury", Department of Veterans Affairs Medical Research (PI = Lynn Robertson, Ph.D.)
2009 - 2012	\$620,000, "Executive Functioning in OEF/OIF Veterans with Traumatic Brain Injury", Department of Veterans Affairs Medical Research (PI = Juliana Baldo, Ph.D.)
2012 - 2016	\$1,135,000, "White matter pathway disconnection and cognitive control impairments in stroke", Department of Veterans Affairs Medical Research (PI = And Turken, Ph.D.)
2014 - 2018	\$973,000, "Brain Biomarkers of Response to Treatment for Apraxia of Speech", Department of Veterans Affairs Medical Research (PI = Juliana Baldo, Ph.D.)
2019 - 2013	\$1,046,453, Impact of Left Hemisphere Stroke on Cognitive Functioning and Implications for Driving", Department of Veterans Affairs Medical Research (Co-PIs = Juliana Baldo, Ph.D. and Krista Schendel Parker, Ph.D.)

RESEARCH GRANTS FUNDED AS CONSULTANT

2008 - 2012	\$1,250,000, "Progressive Aphasia: Cognition, Anatomy, and Progression", National Institute on Neurological Disorders and Stroke (PI = Maria Luisa Gorno-Tempini, M.D., Ph.D.)
2008 - 2013	\$5,000,000, "Center for the Study of the Neural Bases of Language and Learning", National Institute on Neurological Disorders and Stroke (PI = Doris Trauner, M.D.)

2012 - 2017	\$1,500,000, "Progressive Aphasia: Cognition, Anatomy, and Progression", National Institute on Neurological Disorders and Stroke (PI = Maria Luisa Gorno-Tempini, M.D., Ph.D.)
2017 - 2022	\$1,500,000, "Progressive Aphasia: Cognition, Anatomy, and Progression", National Institute on Neurological Disorders and Stroke (PI = Maria Luisa Gorno-Tempini, M.D., Ph.D.)

MENTORING

Post-Graduate Fellows

Analia Arevalo, Ph.D.	University of California, San Diego
Juliana Baldo, Ph.D.	University of California, Berkeley
Sasha Best, Ph.D.	VANCHCS Neuropsychology Postdoctoral Fellow
Jary Larsen, Ph.D.	California School of Professional Psychology
Lindall McIntire, M.S.	California State University, Hayward
Jenny Ogar, M.S.	California State University, San Francisco
Vitoria Piai, Ph.D.	University of California, Berkeley
Patty Phaneuf, M.S.	California State University, East Bay
Stephanie Ries, Ph.D.	University of California, Berkeley
Ruth Salo, Ph.D.	University of California, Davis
Krista Schendel, Ph.D.	University of California, Davis
Ana Soper, Ph.D.	VANCHCS Neuropsychology Postdoctoral Fellow
Kate Taylor, M.S.	Ohio State University
And Turken, Ph.D.	University of California, Santa Barbara
Alana Vernon, Ph.D.	VANCHCS Neuropsychology Postdoctoral Fellow

VA/NIH Career Development Award Mentor/Co-mentor/Consultant

Juliana Baldo, Ph.D.	NIH NRSA post-doctoral fellowship mentor
Edward Chang, M.D.	NIH K99/R00 co-mentor
Adeen Flinker	NIH NRSA pre-doctoral fellowship co-mentor
Brian Pasley, Ph.D.	NIH K99/R00 collaborator
Stephanie Ries, Ph.D.	NIH NRSA post-doctoral fellowship co-mentor
Stephen Wilson, Ph.D.	NIH R03 co-mentor
And Turken, Ph.D.	VA Career Development Award co-mentor
Anna Jafarpour	NIH K99/R00 consultant

Fulbright Scholars Sponsored

Olga Dragoy Ph.D.	Moscow Research University, Moscow, Russia
Ching Ching Lu, Ph.D.	National Hsinchu University of Education, Taiwan

Student Committees

Ph.D. Dissertation Co-Chair and Committee Member

Analia Arevalo	University of California, San Diego
Suzanne Gahl	University of California, Berkeley
Magaly Lagunas-Carvacho	University of California, Davis
Suzanne Moineau	University of California, San Diego
Johnna Shapiro	University of California, Davis

Ph.D. Dissertation Committee Member

Arielle Borovsky	University of California, San Diego
Marilyn Heine	University of California, Davis
Amy Lincoln	University of California, Davis

Sheri Scarborough	California School of Professional Psychology
Wei-chun Wang	University of California, Davis
Sara Popham	University of California, Berkeley

Ph.D. Oral Examination Committee

Suzanne Gahl	University of California, Berkeley
Lori Miyasato	University of California, Davis
Lillian Park	University of California, Berkeley
Sarah Partan	University of California, Davis
Iliana Reyes	University of California, Berkeley
Johnna Shapiro	University of California, Davis
Wei-chun Wang	University of California, Davis

Ph.D. Student Interns Mentored

Michael deRiesthal	Vanderbilt University
Adeen Flinker	University of California, Berkeley
Selvi Paulraj	Palo Alto University
Orly Rubenstein	Ben Gurion University, Israel
Melissa Prather	University of California, Davis
Ayse Pinar Saygin	University of California, San Diego
Christine Wu	University of California, Davis

Master's Thesis Sponsor and Committee Member

Courtney Jacks	University of California, Davis
Siew-Peen Chong	University of California, Davis
Paula Lee	University of California, Davis
Brenda Redfern	University of California, Davis

Master's Student Interns Mentored

Francis Balcomb	California State University, Hayward
Francesca Beghin	University of Padoa, Italy
Carl Ludy	University of California, Davis
Michele Miller	California State University, East Bay
Yumi Yamasaki	University of California, Davis

Postgraduate Interns Mentored

Rita Barakat	University of California, Berkeley
Jenny Dorman	University of California, Berkeley
Jenny Hume	University of California, Davis
Darren Husted	University of California, Davis
Fedor Petrenko	University of California, Berkeley
Andrea Zvinakis	University of California, Berkeley
Allison Zhong	University of California, Berkeley
Alexis Pracar	George Washington University, Washington, D.C.

Honor's Thesis Sponsor and Committee Member

Adam Greene	University of California, Davis
Jelena Jovanovic	University of California, Berkeley
Melissa Snow	University of California, Berkeley

Undergraduate Student Interns Mentored

Eric Byrd	California State University, Sacramento
Giana Cirolia	University of California, Berkeley
Rebecca De Carlo	University of California, Berkeley
Arturo Hernandez	University of California, Berkeley
Jennifer Harvey	Hiram University, Ohio
Benjamin Russell	California State University, San Francisco

TEACHING**University Courses Taught**

1987 - 2002	The Biological Basis of Language, Dept. of Linguistics, University of California, Davis (average rating = 4.9 out of 5.0; outstanding)
1987 - 2002	Independent Study, Dept. of Linguistics, University of California, Davis
2019	Specialty Clinic, Dept. of Psychology, University of California, Berkeley

Other Teaching Experience

1969 - 1986	<i>Instructor</i> of music, Berkeley and Oakland, California
1975 - 1977	<i>Instructor</i> and tutor in English as a Second Language for UC Berkeley and UC Extension

TITLES OF THESES

Master's Thesis - *Brain and the Bilingual*

Doctoral Dissertation - *Neuropsychological Processes of Automatic Speech in Aphasia*

BIBLIOGRAPHY**A. PRIMARY PUBLISHED OR CREATIVE WORK****A.1. Journal Publications**

1. Rohwer, W.D., Rabinowitz, M. & Dronkers, N.F. Event knowledge, elaborative propensity, and the development of learning proficiency. *Journal of Experimental Child Psychology*, 1982, 33, 492-503.
2. Chiarello, C., Dronkers, N.F. & Hardyck, C. Choosing sides: Some questions concerning the apparent instability of language lateralization in normal populations. *Neuropsychologia*, 1984, 22(3), 363-373.
3. Hardyck, C., Chiarello, C., Dronkers, N.F. & Simpson, G.V. Orienting attention within visual fields: how efficient is interhemispheric transfer. *Journal of Experimental Psychology*, 1985, 11(5), 650-666.
4. Hardyck, C., Dronkers, N.F., Chiarello, C. & Simpson, G. The 'eyes' have it: Exposure times and saccadic movements in visual half-field experiments. *Brain and Cognition*, 1985, 4(4), 430-439.
5. Bernstein-Ellis, E., Wertz, R.T., Dronkers, N.F. & Milton, S.B. PICA performance by traumatically brain-injured and left hemisphere CVA patients. *Clinical Aphasiology*, 1985, 15, 97-106.

6. Wertz, R.T., Dronkers, N.F. & Deal, J.L. Language and localization: A comparison of left, right and bilaterally brain-damaged patients. *Clinical Aphasiology*, 1985, 15, 141-148.
7. Ober, B.A., Dronkers, N.F., Koss, E., Delis, D. & Friedland, R.F. Retrieval from semantic memory in Alzheimer-type dementia. *Journal of Clinical and Experimental Neuropsychology*, 1986, 8(1), 75-92.
8. Wertz, R.T., Dronkers, N.F. & Shubitowski, Y. Discriminant function analysis of performance by normals and left hemisphere, right hemisphere, and bilaterally brain damaged patients on a word fluency measure. *Clinical Aphasiology*, 1986, 16, 257-266.
9. Hardyck, C., Dronkers, N.F., Chiarello, C. & Simpson, G. On preaching the commandments of proper research: A rejoinder. *Brain and Cognition*, 1987, 6, 238-242.
10. Wertz, R.T., Dronkers, N.F., Bernstein-Ellis, E., Shubitowski, Y., Elman, R., Shenaut, G.K. & Knight, R.T. Appraisal and diagnosis of neurogenic communication disorders in remote settings. *Clinical Aphasiology*, 1987, 17, 117-123.
11. Dronkers, N.F. Crossed aphasia. *Clinical Aphasiology*, 1987, 17, 339-348.
12. Wertz, R.T., Dronkers, N.F., Knight, R.T., Shenaut, G.K. & Deal, J.L. Rehabilitation of neurogenic communication disorders in remote settings. *Journal of Rehabilitation Research and Development*, 1987, 25(1), 446-447.
13. Wertz, R.T., Dronkers, N.F., Knight, R.T., Shenaut, G.K. & Deal, J.L. Rehabilitation of neurogenic communication disorders in remote settings. *Journal of Rehabilitation Research and Development*, 1988, 26(1), 350-351.
14. Dronkers, N.F. & Knight, R.F. Right-sided neglect in a left-hander: Evidence for reversed hemispheric specialization for attention capacity. *Neuropsychologia*, 1989, 27(5), 729-736.
15. Wertz, R.T., Dronkers, N.F., Shenaut, G.K. & Knight, R.T. Neurogenic communication disorders in remote settings. *Journal of Rehabilitation Research and Development*, 1990, 28(1), 364-365.
16. Wertz, R.T. & Dronkers, N.F. Effects of age on aphasia. *ASHA Report 19: Proceedings of the Research Symposium on Communication Sciences and Disorders and Aging*, 1990, 88-98.
17. Dronkers, N.F. & Swain, B.E. Statistical power in aphasia research. *Clinical Aphasiology*, 1991, 19, 15-19.
18. Wertz, R.T., Dronkers, N.F., Bernstein-Ellis, E.G., Sterling, L.R., Shubitowski, Y., Elman, R.J., Shenaut, G.K., Knight, R.T. & Deal, J.L. The potential of telephonic and television technology for appraising and diagnosing neurogenic communication disorders in remote settings. *Aphasiology*, 1992, 6, 195-202.

19. Wertz, R.T., Dronkers, N.F. & Hume, J.L. PICA intrasubtest variability (PMD) and prognosis for improvement in aphasia. *Clinical Aphasiology*, 1993, 21, 207-211.
20. Elman, R.J., Klatzky, R.L., Dronkers, N.F. & Wertz, R.T. Phonologic priming and picture naming in aphasic and normal subjects. *Clinical Aphasiology*, 1993, 21, 255-262.
21. Henik, A., Dronkers, N.F., Knight, R.T. & Osimani, A. Differential effects of semantic and identity priming in patients with left and right hemisphere lesions. *Journal of Cognitive Neuroscience*, 1993, 5(1), 45-55.
22. Friedland, R.P., Koss, E., Lerner, A., Hedera, P., Ellis, W., Dronkers, N., Ober, B.A. & Jagust, W.J. Functional imaging, the frontal lobes, and dementia. *Dementia*, 1993, 4, 192-203.
23. Wertz, R.T. & Dronkers, N.F. PICA performance following left and right hemisphere brain damage: Influence of side and severity. *Clinical Aphasiology*, 1994, 22, 157-164.
24. Dronkers, N.F. A new brain region for speech: The insula and articulatory planning. *Nature*, 1996, 384, 159-161.
25. Dronkers, N.F., Ludy, C.A. & Redfern, B.B. Pragmatics in the absence of verbal language: Descriptions of a severe aphasic and a linguistically feral adult. *Journal of Neurolinguistics*, 1998, 11(1-2), 179-190.
26. Dronkers, N.F. The pursuit of brain-language relationships. *Brain and Language*, 2000, 71(1), 59-61.
27. Dronkers, N.F. The gratuitous relationship between Broca's aphasia and Broca's area. *Behavioral and Brain Sciences*, 2000, 30-31.
28. Walker-Batson, D., Curtis, S., Natarajan, R., Ford, J., Dronkers, N.F., Salmeron, E., Lai, J. & Unwin, D.H. A double-blind placebo-controlled study of the use of amphetamine in the treatment of aphasia. *Stroke*, 2001, 32(9), 2093-2098.
29. Dick, F., Bates, E., Wulfeck, B., Utman, J., Dronkers, N.F., & Gernsbacher, M. Language deficits, localization and grammar: Evidence for a distributive model of language breakdown in aphasics and normals. *Psychological Review*, 2001, 108(4), 759-788.
30. Bates, E., Reilly, J., Wulfeck, B., Dronkers, N.F., Opie, M., Fenson, J., Kriz, S., Jeffries, R., Miller, L., & Herbst, K. Differential effects of unilateral lesions on language production in children and adults. *Brain and Language*, 2001, 79, 223-265.
31. Watkins, K.E., Dronkers, N.F., Vargha-Khadem, F. Behavioral analysis of an inherited speech and language disorder: comparison with acquired aphasia. *Brain*, 2002, 125(3), 452-464.
32. Saygin, A.P., Dick, F., Wilson, S.W., Dronkers, N.F., Bates, E.A. Neural resources for processing language and environmental sounds: evidence from aphasia. *Brain*, 2003, 126(4), 928-945.

33. Bates, E., Wilson, S.M., Saygin, A.P., Dick, F., Sereno, M., Knight, R.T. & Dronkers, N.F. Voxel-based lesion-symptom mapping. *Nature Neuroscience*, 2003, 6(5), 448-450.
34. Dronkers, N.F., Wilkins, D.P., Van Valin, R.D. Jr., Redfern, B.B. & Jaeger, J.J. Lesion analysis of the brain areas involved in language comprehension. *Cognition*, 2004 92,145-177.
35. Saygin, A.P., Wilson, S.M., Dronkers, N.F. & Bates, E. (2004). Action comprehension in aphasia: linguistic and non-linguistic deficits and their lesion correlates. *Neuropsychologia*, 2004, 42, 1788-1804.
36. Gorno-Tempini, M.L., Dronkers, N.F., Rankin, K.P., Ogar, J.M., Phenegrasamy, L., Rosen, H.J., Johnson, J.K., Weiner, M.W., Miller, B.L. Cognition and anatomy in three variants of primary progressive aphasia. *Annals of Neurology*, 2004, 55(3), 335-346.
37. Dronkers, N.F. & Ogar, J. Brain areas involved in speech production (invited editorial). *Brain*, 2004, 127, 1461-1462.
38. Baldo, J.V., Dronkers, N.F., Wilkins, D.P., Ludy, C., Raskin, P., & Kim, J. Is problem solving dependent on language? *Brain and Language*, 2005, 92(3), 240-250.
39. Ogar, J., Slama, H., Dronkers, N.F., Amici, S. & Gorno-Tempini, M.L. Apraxia of speech: an overview. *Neurocase*, 2005, 11(6), 427-431.
40. Moineau, S., Dronkers, N.F. & Bates., E.A. Exploring the processing continuum of single word comprehension in aphasia. *Journal of Speech, Language, and Hearing Research*, 2005, 48(4), 884-896.
41. Ogar, J., Willock, S., Baldo, J., Wilkins, D., Ludy, C. & Dronkers, N. Clinical and anatomical correlates of apraxia of speech and language. *Brain and Language*, 2006, 97(3), 343-350.
42. Baldo, J.V. & Dronkers, N.F. The role of inferior frontal and inferior parietal cortex in working memory. *Neuropsychology*, 2006, 20(5), 529-538.
43. Baldo, J., Schwartz, S., Wilkins, D., & Dronkers, N.F. Role of frontal versus temporal cortex in verbal fluency as revealed by voxel-based lesion symptom mapping. *Journal of the International Neuropsychological Society*, 2006, 12(6), 896-900.
44. Gorno-Tempini, M. L., Ogar, J., Brambati, S. M., Wang, P., Jeong, J. H., Rankin, K. P., Dronkers, N.F. & Miller, B.L. Anatomical correlates of early mutism in progressive nonfluent aphasia. *Neurology*, 2006, 67(10), 1849-1851.
45. Amici, S., Gorno-Tempini, M.L., Ogar, J.M., Dronkers, N.F. & Miller, B.L. An overview on primary progressive aphasia and its variants. *Behavioral Neurology*, 2006, 17(2), 77-87.

46. Rosen, H.J., Allison, S.C., Ogar, J.M., Amici, S., Rose, K., Dronkers, N.F., Miller, B.L. & Gorno-Tempini, M.L. Behavioral features in semantic dementia vs other forms of progressive aphasia. *Neurology*, 2006, 67(10), 1752-1756.
47. Baldo, J. & Dronkers, N.F. Neural correlates of arithmetic and language comprehension: A common substrate? *Neuropsychologia*, 2007, 45(2), 229-235.
48. Arevalo, A. L., Perani, D., Cappa, S.F., Butler, A., Bates, E. & Dronkers, N.F. Action and object processing in aphasia: from nouns and verbs to the effect of manipulability. *Brain and Language*, 2007, 100(1), 79-94.
49. Dronkers, N.F., Plaisant, O., Iba-Zizen, M.T. & Cabanis, E.A. Paul Broca's historic cases: High resolution MR imaging of the brains of Leborgne and Lelong. *Brain*, 2007, 130, 1432-1441.
50. Borovsky, A., Saygin, A.P., Bates E. & Dronkers, N.F. Lesion correlations of conversational speech production deficits, *Neuropsychologia*, 2007, 45(11), 2525-2533.
51. Amici, S., Brambati, S.M., Wilkins, D., Ogar, J., Dronkers, N.F., Miller, B.L., & Gorno-Tempini, M.L. Anatomical correlates of sentence comprehension and verbal working memory in neurodegenerative disease, *Journal of Neuroscience*, 2007, 27(23), 6282-6290.
52. Canolty, R.T., Soltani, M., Dalal, S.S., Edwards, E., Dronkers, N.F., Nagarajan, S.S., Kirsch, H., Barbaro, N. & Knight, R.T. Spatiotemporal dynamics of word processing in the human brain. *Frontiers in Neuroscience*, 2007, 1(1), 185-196.
53. Amici, S., Ogar, J., Brambati, S.M., Miller, B.L., Neuhaus, J., Dronkers, N.F. & Gorno-Tempini, M.L. Performance in specific language tasks correlates with regional volume changes in progressive aphasia. *Cognitive and Behavioral Neurology*, 2007, 20(4), 203-211.
54. Ogar, J., Dronkers, N.F., Brambati, S.M., Miller, B.L. & Gorno-Tempini, M.L. Progressive nonfluent aphasia and its characteristic motor speech deficits. *Alzheimer Disease and Associated Disorders*, 2007, 21(4), S23-30.
55. Baldo, J.V., Klostermann, E.C. & Dronkers, N.F. It's either a cook or a baker: Patients with conduction aphasia get the gist but lose the trace. *Brain and Language*, 2008, 105(2), 134-140.
56. Turken, A.U., Whitfield-Gabrieli, S., Bammer, R., Baldo, J.V., Dronkers, N.F. & Gabrieli, J.D.E. Cognitive processing speed and the structure of white matter pathways: convergent evidence from normal variation and lesion studies. *Neuroimage*, 2008, 42(2), 1032-1044.
57. Gorno-Tempini, M.L., Brambati, S.M., Ginex, V., Ogar, J., Dronkers, N.F., Marcone, A., Perani, D., Garibotto, V., Cappa, S.F. & Miller, B.L. The logopenic/phonological variant of primary progressive aphasia. *Neurology*, 2008, 71(16), 1227-1234.

58. Rabinovici, G.D., Jagust, W.J., Furst, A.J., Ogar, J.M., Racine, C.A., Mormino, E.C., O'Neil, J.P., Lal, R.A., Dronkers, N.F., Miller, B.L. & Gorno-Tempini, M.L. Aβ amyloid & glucose metabolism in three variants of primary progressive aphasia. *Annals of Neurology*, 2008, 64(4), 388-401.
59. Baldo, J. V., Arevalo, A., Wilkins, D. P. & Dronkers, N. Voxel-based lesion analysis of category specific naming on the Boston Naming Test. *CRL Technical Report*, 2009, 21(2).
60. Agosta, F., Henry, R. G., Migliaccio, R., Neuhaus, J., Miller, B. L., Dronkers, N. F., Brambati, S. M., Filippi, M., Ogar, J. M., Wilson, S. M. & Gorno-Tempini, M. L. Language networks in semantic dementia. *Brain*, 2010, 133, 286-299.
61. Baldo, J.V., Bunge, S.A., Wilson, S.M. & Dronkers, N.F. Is relational reasoning dependent on language? A voxel-based lesion symptom mapping study. *Brain and Language*, 2010, 113, 59-64.
62. Wilson, S.M., Henry, M.L., Besbris, M., Ogar, J.M., Dronkers, N.F., Jarrold, W., Miller, B.L. & Gorno-Tempini, M.L. Connected speech production in three variants of primary progressive aphasia. *Brain*, 2010, 133, 2069-2088.
63. Wilson, S.M., Dronkers, N.F., Ogar, J.M., Jang, J., Growdon, M.E., Agosta, F., Henry, M.L., Miller, B.L. & Gorno-Tempini, M.L. Neural correlates of syntactic processing in the nonfluent variant of primary progressive aphasia. *Journal of Neuroscience*, 2010, 30, 16845-16854.
64. Baldo, J.V., Schwartz, S., Wilkins, D.P. & Dronkers, N.F. Double dissociation of letter and category fluency following left frontal and temporal lobe lesions. *Aphasiology*, 2010, 24(12), 1593-1604.
65. Turken, A.U. & Dronkers, N.F. The neural architecture of the language comprehension network: converging evidence from lesion and connectivity analyses. *Frontiers in Systems Neuroscience*, 2011, 5, 1-20.
66. Arévalo, A.L., Lu, C.C., Huang, L.B., Bates, E.A. & Dronkers N.F. Action and object processing in brain-injured speakers of Chinese. *Neuropsychology*, 2011, 25(6), 792-805.
67. Baldo, J.V., Wilkins, D.P., Ogar, J., Willock, S., & Dronkers, N.F. Role of the precentral gyrus of the insula in complex articulation. *Cortex*, 2011, 47(7), 800-807.
68. Buchsbaum, B.R., Baldo, J., Okada, K., Berman, K.F., Dronkers, N.F., D'Esposito, M. & Hickok, G. Conduction aphasia, sensory-motor integration, and phonological short-term memory - An aggregate analysis of lesion and fMRI data. *Brain and Language*, 2011, 119(3), 119-128.
69. Galantucci, S., Tartaglia, M.C., Wilson, S.M., Henry, M.L., Filippi, M., Agosta, F., Dronkers, N.F., Henry, R.G., Ogar, J.M., Miller, B.L. & Gorno-Tempini, M.L. White matter damage in primary progressive aphasia: a diffusion tensor tractography study. *Brain*, 2011, 134(10), 3011-3029.

70. Gorno-Tempini, M.L., Hillis, A.E., Weintraub, S., Kertesz, A., Mendez, M., Cappa, S.F., Ogar, J.M., Rohrer, J.D., Black, S., Boeve, B.F., Manes, F., Dronkers, N.F., Vandenberghe, R., Rascovsky, K., Patterson, K., Miller, B.L., Knopman, D.S., Hodges, J.R., Mesulam, M.M. & Grossman, M. Classification of primary progressive aphasia and its variants. *Neurology*, 2011, 76(11), 1006-14.
71. Justus, T., Larsen, J., Yang, J., de Mornay Davies P., Dronkers, N.F & Swick, D. The role of Broca's area in regular past-tense morphology: an event-related potential study. *Neuropsychologia*, 2011, 49(1), 1-18.
72. Ogar, J.M., Baldo, J.V., Wilson, S.M., Brambati, S.M., Miller, B.L., Dronkers, N.F. & Gorno-Tempini, M.L. Semantic dementia and persisting Wernicke's aphasia: linguistic and anatomical profiles. *Brain and Language*, 2011, 117(1), 28-33.
73. Paluy, Y., Gilbert, A.L., Baldo, J.V., Dronkers, N.F. & Ivry, R.B. Aphasic patients exhibit a reversal of hemispheric asymmetries in categorical color discrimination. *Brain and Language*, 2011, 116(3), 151-156.
74. Vitali, P., Dronkers, N.F., Pincherle, A., Giovagnoli, A.R., Marras, C., D'Incerti, L., Ghielmetti, F., Spreafico, R. & Villani, F. Accuracy of pre-surgical fMRI confirmed by subsequent crossed aphasia. *Neurological Sciences*, 2011, 32(1), 175-80.
75. Baldo, J.V., Katseff, S. & Dronkers, N.F. Brain regions underlying repetition and auditory-verbal short-term memory deficits in aphasia: Evidence from voxel-based lesion symptom mapping. *Aphasiology*, 2012, 26, 338-354.
76. Arévalo, A.L., Baldo, J.V. & Dronkers NF. What do brain lesions tell us about theories of embodied semantics and the human mirror neuron system? *Cortex*, 2012, 48(2), 242-254.
77. Baldo, J.V., Arévalo, A., Patterson, J.P. & Dronkers, N.F. Grey and white matter correlates of picture naming: Evidence from a voxel-based lesion analysis of the Boston Naming Test. *Cortex*, 2013, 49(3), 658-667.
78. Ries, S. K., Xie, K., Haaland, K. Y., Dronkers, N. F. & Knight, R. T. Role of the lateral prefrontal cortex in speech monitoring. *Frontiers in Human Neuroscience*, 2013, 7, Article 703, 1-16.
79. Caso, F., Mandelli, M. L., Henry, M., Gesierich, B., Bettcher, B. M., Ogar, J., Filippi, M., Comi, G., Magnani, G., Sidhu, M., Trojanowski, J. Q., Huang, E. J., Grinberg, L. T., Miller, B. L., Dronkers, N., Seeley, W. W. & Gorno-Tempini, M. L. In vivo signatures of nonfluent/agrammatic primary progressive aphasia caused by FTLN pathology. *Neurology*, 2014, 82, 239-47.
80. Mandelli, M.L., Caverzasi, E., Binney, R., Henry, M., Lobach, I., Amirbekian, B., Block, N., Dronkers, N.F., Miller, B., Henry, R. & Gorno-Tempini, M.L. Frontal white matter tracts sustaining speech production in Primary Progressive Aphasia. *Journal of Neuroscience*, 2014, 34(29), 9754 -9767.
81. Ries, S.K., Greenhouse, I., Dronkers, N.F., Haaland, K.Y. & Knight, R.T. Double dissociation of the roles of the left and right prefrontal cortices in anticipatory regulation of action. *Neuropsychologia*, 2014, 63, 215-225.

82. Brambati, S.M., Amici, S., Racine, C.A., Neuhaus, J., Miller, Z., Ogar, J., Dronkers, N.F., Miller, B., Rosen, H., & Gorno-Tempini, M.L. Longitudinal gray matter contraction in three variants of primary progressive aphasia: A tensor-based morphometry study. *NeuroImage: Clinical*, 2015, 8, 345-355.
83. Flinker, A., Korzeniewska, A., Shestyuka, A.Y., Franaszczuk, P.J., Dronkers, N.F., Knight, R.T., & Crone, N.E. Redefining the role of Broca's area in speech. *Proceedings of the National Academy of Sciences*, 2015, 112(9), 2871-2875.
84. Ries, S.K., Karzmark, C.R., Navarrete, E., Knight, R.T., & Dronkers, N.F. Specifying the role of the left prefrontal cortex in word selection, *Brain and Language*, 2015, 149, 135-147.
85. Thiebaut de Schotten, M., Dell'Acqua, F., Ratiu, P., Leslie, A., Howells, H., Cabanis, E., Iba-Zizen, M.T., Plaisant, O., Simmons, A., Dronkers, N.F., Corkin, S. & Catani, M. From Phineas Gage and Monsieur Leborgne to H.M.: Revisiting Disconnection Syndromes, *Cerebral Cortex*, 2015.
86. Baldo, J.V., Paulraj, S.R., Curran, B.C., & Dronkers, N.F. (2015). Impaired reasoning and problem-solving in individuals with language impairment due to aphasia or language delay. *Frontiers in Psychology*, 2015, 6, article 1523, 1-14.
87. Baldo, J.V., Kacirik, N.A., Moncrief, A., Beghin, F., & Dronkers, N.F. You may now kiss the bride: Interpretation of social situations by individuals with right or left hemisphere injury. *Neuropsychologia*, 2016, 80, 133-141.
88. Mandelli, M.L., Vitali, P., Santos, M., Henry, M., Gola, K., Rosenberg, L., Dronkers, N.F., Miller, B., Seeley, W.W. & Gorno-Tempini, M.L. Two insular regions are differentially involved in behavioral variant FTD and nonfluent/agrammatic variant PPA. *Cortex*, 2016, 74, 149-157.
89. Ries, S.K., Dronkers, N.F. & Knight, R.T. Choosing words: left hemisphere, right hemisphere, or both? Perspective on the lateralization of word retrieval. *Annals of the New York Academy of Science*, 2016, 1369(1), 111-131.
90. Schendel, K., Dronkers, N.F. & Turken, A.U. Not just language: Persisting lateralised visuospatial impairment after left hemisphere stroke. *Journal of the International Neuropsychological Society*, 2016, 22(7), 695-704.
91. Ivanova M.V., Isaev D.Y., Dragoy O.V., Akinina Y.S., Petrushevskiy A.G., Fedina O.N., Shklovsky V.M. & Dronkers N.F. Diffusion-tensor imaging of major white matter tracts and their role in language processing in aphasia, *Cortex*, 2016, 85, 165-181.
92. Piai, V., Anderson, K.L., Lin, J.J., Dewar, C., Parvizi, J., Dronkers, N.F. & Knight, R.T. A key role for the hippocampus in language. *Proceedings of the National Academy of Sciences*, 2016, 113(40), 11366-11371.
93. Dragoy, O., Akinina, Y. & Dronkers, N.F. Toward a functional neuroanatomy of semantic aphasia: a history and ten new cases. *Cortex*, 2017, 97, 164-182.
94. Ivanova, M.V., Kuptsova, S.V. & Dronkers, N.F. A comparison of two working memory tasks in aphasia. *Aphasiology*, 2017, 29, 645-664.

95. Piai, V., Meyer, L., Dronkers, N.F. & Knight, R.T. Neuroplasticity of language in left-hemisphere stroke: evidence linking subsecond electrophysiology and structural connections. *Human Brain Mapping*, 2017, 38(6), 3151-3162.
96. Riès, S.K., Dhillon, R.K., Clarke, A., King-Stephens, D., Laxer, K.D., Weber, P.B., Kupermang, R.A., Auguste, K.I., Brunner, P., Schalk, G., Lin, J.J., Parvizi, J., Crone, N.E., Dronkers, N.F. & Knight, R.T. Spatiotemporal dynamics of word retrieval in speech production revealed by cortical high-frequency band activity. *Proceedings of the National Academy of Sciences*, 2017, 14(23), 4530-4538.
97. Dronkers, N.F., Ivanova, M.V. & Baldo, J.V. What do language disorders reveal about brain–language relationships? From classic models to network approaches. *Journal of the International Neuropsychological Society*, 2017, 23(9-10), 741–754. Special 50th anniversary issue.
98. Baldo, J.V., Kacinik, N., Ludy, C., Paulraj, S., Moncrief, A., Piai, V., Curran, B., Turken, A., Herron, T. & Dronkers, N.F. Voxel-based lesion analysis of brain regions underlying reading and writing. *Neuropsychologia*, 2018, 115, 51-59.
99. Ivanova, M.V, Dragoy, O.V., Kuptsova, S.V., Akinina, S.Y., Petrushevskii, A.G., Fedina, O.N., Turken, A., Shklovsky, V.M. & Dronkers, N.F. Neural mechanisms of two different verbal working memory tasks: A VLSM study. *Neuropsychologia*, 2018, 115, 25-41.
100. Paulraj, S.R., Schendel, K., Curran, B., Dronkers, N.F. & Baldo, J.V. Role of the left hemisphere in visuospatial working memory. *Journal of Neurolinguistics*, 2018, 48, 133-141.
101. De Witte, E., Piai, V., Kurteff, G., Cai, R., Mariën, P., Dronkers, N.F., Chang, E., & Berger, M. A valid alternative for in-person language assessments in brain tumor patients: Feasibility and validity measures of the new TeleLanguage test. *Neuro-Oncology Practice*, 2019, 6:2, 93-102.
102. Battistella, G., Henry, M., Gesierich, B., Wilson, S.M., Borghesani, V., Shwe, W., Miller, Z., Deleon, J., Miller, B.L., Jovicich, J., Papinutto, N., Dronkers, N.F., Seeley, W.W., Mandelli, M.L. & Gorno-Tempini, M.L. Differential intrinsic functional connectivity changes in semantic variant primary progressive aphasia. *Neuroimage Clinical*, 2019, 22, .
103. Lukic, S., Mandelli, M.L., Welch, A., Jordan, K., Miller, Z., Cobigo, Y., Hubbard, H. I., Henry, M., Miller, B.L., Dronkers, N.F., Gorno-Tempini, M.L. Neurocognitive basis of repetition deficits in primary progressive aphasia. *Brain and Language*, 2019, 194, 35-45.
104. Akinina Yu., S., Dragoy, O. V., Ivanova, M. V., Iskra, E.V., Soloukhina, O.A., Petrushevskii, A. G., Fedina, O. N., Turken, A., Shklovsky, V.M., Dronkers, N. F. Grey and white matter substrates of action naming. *Neuropsychologia*, (in press).

A.2. Books

1. Menn, L. & Dronkers, N.F. *Psycholinguistics: Introduction and Applications*, Second edition. San Diego: Plural Publishing Inc., 2016.

A.3. Invited Book Chapters and Encyclopedia Entries

1. Dronkers, N.F., Yamasaki, Y., Ross, G.W. & White, L. Assessment of bilinguality in aphasia: Issues and examples from multicultural Hawai'i. In Paradis, M. (Ed.), *Aspects of Bilingual Aphasia*, Pergamon Press, 1995, 57-65.
2. Dronkers, N.F. & Ludy, C.A. Brain lesion analysis in clinical research. In Stemmerer, B. and Whitaker, H. (Eds.) *Handbook of Neurolinguistics*, San Diego: Singular Press, 1997, 173-187.
3. Dronkers, N.F., Ludy, C.A. & Redfern, B.B. Pragmatics in the absence of verbal language: Descriptions of a severe aphasic and a linguistically feral adult. In Paradis, M. (Ed.), *Pragmatics in Neurogenic Communication Disorders*, Oxford: Pergamon Press, 1998, 179-190.
4. Dronkers, N.F. The neural basis of language. In R. Wilson & F. Keil (Eds.), *The MIT Encyclopedia of the Cognitive Sciences*, Cambridge: MIT Press, 1999, 448-451.
5. Dronkers, N.F., Redfern, B.B. & Knight, R.T. The neural architecture of language disorders. In M.S. Gazzaniga (Ed.), *The New Cognitive Neurosciences*, Cambridge: The MIT Press, 2000, 949-958.
6. Dronkers, N.F., Pinker, S. & Damasio, A. Language and the aphasias. In Kandel, E.R., Schwartz, J. & Jessell, T. (Eds.), *Principles in Neural Science*, 4th edition, New York: McGraw-Hill, 2000, pgs. 1169-1187.
7. Dronkers, N.F. & Larsen, J.L. Neuroanatomy of the classical syndromes of aphasia. In Boller, F. & Grafman, J. (Eds.) *Handbook of Neuropsychology*, 2nd edition, New York: Elsevier Science, 2001, 19-30.
8. Dronkers, N.F. & Baldo, J. Speech production, neural basis of. In N.J. Smelser and P.B. Baltes (Eds.), R.F. Thompson and J.L. McClelland (Section Eds.) *International Encyclopedia of the Social and Behavioral Sciences*, Elsevier, 2001, pgs. 14875-14879.
9. Dronkers, N.F. & Berndt, R. Aphasia. In W.J. Frawley (Ed.) *Oxford International Encyclopedia of Linguistics*, Oxford University Press, 2003.
10. Dronkers, N.F. & Ogar, J. Aphasia. In M.J. Aminoff and R.B. Daroff (Eds.), *Encyclopedia of the Neurological Sciences*, San Diego, California: Academic Press, 2003.
11. Wertz, R.T., Dronkers N.F. & Ogar, J. Aphasia: The classical syndromes. In R.D. Kent (Ed.), *MIT Encyclopedia of Communication Sciences and Disorders*, Cambridge: MIT Press, 2003, 249-252.
12. Dick, F., Dronkers, N., Pizzamiglio, L., Saygin, A.P., Small, S.L., & Wilson, S. Language and the brain. In M. Tomasello & D.I. Slobin, (Eds.) *Beyond Nature-Nurture: Essays in honor of Elizabeth Bates*. New Jersey: Erlbaum, 2005, pgs. 237-260.

13. Dronkers, N.F. & Baldo, J.V. Language: Aphasia. In L.R. Squire (Ed.) *Encyclopedia of Neuroscience*. Amsterdam: Elsevier, 2009, vol. 5: 343-348.
14. Dronkers, N.F. & Ogar, J. Aphasia. In P.C. Hogan (Ed.), *The Cambridge Encyclopedia of the Language Sciences*, Cambridge University Press, 2010, 103-105.
15. Dronkers, N.F. & Baldo, J.V. Broca's area. In P.C. Hogan (Ed.), *The Cambridge Encyclopedia of the Language Sciences*, Cambridge University Press, 2010, 139-142.
16. Baldo, J.V., Wilson, S.M. & Dronkers, N.F. Uncovering the neural substrate of language: A voxel-based lesion-symptom mapping approach. In M. Faust, (Ed.), *Handbook of the Neuropsychology of Language, vol. 1&2*, Oxford, UK: Wiley-Blackwell, 2012, 582-594.
17. Dronkers, N.F. & Ogar, J. Aphasia. In M.J. Aminoff and R.B. Daroff (Eds.), *Encyclopedia of the Neurological Sciences*, 2nd edition, Elsevier, 2014, 244-247.
18. Baldo, J.V. & Dronkers, N.F. Speech production, neural basis of. In J.D. Wright (Editor-in-Chief), *International Encyclopedia of the Social and Behavioral Sciences*, Elsevier, 2nd edition, 2015, 250-254.
19. Baldo, J. & Dronkers, N.F. Broca's and Wernicke's Aphasia. In T.K. Shackelford & V.A. Weekes-Shackelford (Eds.), *Encyclopedia of Evolutionary Psychological Science*, Springer, 2016, online.
20. Baldo, J.V. & Dronkers, N.F. Lesion studies. In A. deGroot & P. Hagoort (Eds.), *Research Methods in Psycholinguistics*, Wiley-Blackwell, 2017, 309-328.

B. OTHER WORK

B.1. Published Abstracts

1. Wertz, R.T., Shubitowski, Y., Dronkers, N.F., Lemme, M.L. & Deal, J.L. Word fluency measure reliability in normal and brain-damaged adults. *ASHA*, 1985, 27, 158.
2. Dronkers, N.F. & Knight, R. Right-sided neglect in a left-hander. *Journal of Clinical and Experimental Neuropsychology*, 1985, 7(6), 611.
3. Friedland, R.P., Jagust, W.J., Ober, B.A., Dronkers, N.F., Koss, E., Simpson, G.V., Ellis, W.G. & Budinger, T.F. The pathophysiology of Pick's disease: A comprehensive case study. *Neurology*, 1986, 36 (Suppl. 1), 268-269.
4. Dronkers, N.F., Koss, E., Friedland, R.P. & Wertz, R.T. "Differential" language impairment and language mixing in a polyglot with probable Alzheimer's disease. *Journal of Clinical and Experimental Neuropsychology*, 1986, 8, 139.
5. Dronkers, N.F., Shubitowski, Y. & Ober, B.A. Retrieval from semantic memory in aphasia. *Journal of Clinical and Experimental Neuropsychology*, 1987, 9, 43.
6. Friedland, R.P., Jagust, W.J., Budinger, T.F., Koss, E., Ober, B.A., Dronkers, N.F. & Swain, B.E. Consistency of temporal-parietal cortex hypometabolism in probable

- Alzheimer's disease (AD): relationships to cognitive decline. *Journal of Cerebral Blood Flow and Metabolism*, 1987, 7 (Suppl. 1), 403.
7. Wertz, R.T., Dronkers, N.F., Bernstein-Ellis, E.G., Shubitowski, Y., Elman, R.J., Shenaut, G.K. & Knight, R.T. Appraisal and diagnosis of neurogenic communication disorders in remote settings. *ASHA*, 1987, 29, 79-80.
 8. Dronkers, N.F., Wertz, R.T. & McAleese, P.M. A comparison of aphasia and crossed aphasia. *Journal of Clinical and Experimental Neuropsychology*, 1988, 10(1), 27.
 9. Wertz, R.T. & Dronkers, N.F. Discriminating among neurogenic communication disorders with the PICA. *ASHA*, 1988, 30, 174.
 10. Wertz, R.T., Dronkers, N.F., Bernstein-Ellis, E.G. & Shubitowski, Y. Treating aphasic patients who reside in remote settings. *ASHA*, 1990, 32, 65.
 11. Dronkers, N.F., Elman, R.J. & Wertz, R.T. Semantic picture-priming in aphasic patients. *Journal of Clinical and Experimental Neuropsychology*, 1990, 12(1), 80.
 12. Dronkers, N.F., Elman, R.J., Shapiro, J.K. & Wertz, R.T. Phonologic priming in aphasic patients. *Journal of Clinical and Experimental Neuropsychology*, 1991, 13(1), 47.
 13. Wertz, R.T., Dronkers, N.F., Shapiro, J.K. & Knight, R.T. Relationship of lesion size with severity and improvement in aphasia. *ASHA*, 1991, 33, 169.
 14. Henik, A., Dronkers, N.F., Knight, R.T. & Osimani, A. Dissociation of semantic and lexical processing by lesions to association cortex. *Journal of Clinical and Experimental Neuropsychology*, 1992, 14(1), 26.
 15. Dronkers, N.F., Shapiro, J.K., Redfern, B. & Knight, R.T. The role of Broca's area in Broca's aphasia. *Journal of Clinical and Experimental Neuropsychology*, 1992, 14(1), 52-53.
 16. Scarborough, S.L., Martin, E.M., Reed, B.R., Dronkers, N.F. & Jagust, W.J. Language dysfunction and age of onset in Alzheimer's Disease. *Journal of Clinical and Experimental Neuropsychology*, 1993, 15(1), 74.
 17. Dronkers, N.F., Redfern, B. & Shapiro, J.K. Neuroanatomic correlates of production deficits in severe Broca's aphasia. *Journal of Clinical and Experimental Neuropsychology*, 1993, 15(1), 59-60.
 18. Wertz, R.T., Kirshner, H.S., Sobel-Foster, T. & Dronkers, N.F. Global aphasia, right hemisphere infarct and left-handedness. *ASHA*, 1993, 35, 194.
 19. Vogel, D., Wertz, R.T. & Dronkers, N.F. Response to treatment for primary progressive aphasia. *ASHA*, 1993, 35, 194.
 20. Bates, E., Devescovi, A., Dronkers, N.F., Pizzamiglio, B., Wulfeck, B., Hernandez, A., Juarez, L. & Marangolo, P. Grammatical deficits in patients without

- agrammatism: Sentence interpretation under stress in English and Italian. *Brain and Language*, 1994, 47(3), 400-402.
21. Dronkers, N.F., Wilkins, D.P., Van Valin, R.D. Jr., Redfern, B.B. & Jaeger, J.J. A reconsideration of the brain areas involved in the disruption of morphosyntactic comprehension. *Brain and Language*, 1994, 47(3), 461-463.
 22. Lutsep, H.L. & Dronkers, N.F. Mechanisms underlying oral and written production differences in aphasic patients. *Society for Neuroscience Abstracts*, 1994, 20, 1004.
 23. Dronkers, N.F., Yamasaki, Y., Ross, G.W. & White, L. Patterns of language impairment in 12 cases of Japanese-American multilingual aphasic patients residing in Hawai'i. *Journal of the International Neuropsychological Society*, 1995, 1(2), 152.
 24. Dronkers, N.F. & Redfern, B.B. Cerebral localization of naming deficits in aphasia. *Journal of the International Neuropsychological Society*, 1995, 1(4), 361.
 25. Dronkers, N.F., Redfern, B.B. & Ludy, C.A. Lesion localization in chronic Wernicke's aphasia. *Brain and Language*, 1995, 51(1), 62-65.
 26. Baynes, K., Dronkers, N.F. & Verosub, E. Semantic priming with words and pictures in the right and left visual fields. *Cognitive Neuroscience Society Abstracts*, 1996, 58.
 27. Baynes, K., Kroll, N. & Dronkers, N.F. Contributions of the corpus callosum to semantic facilitation. *Journal of the International Neuropsychological Society*, 1997, 3, 9.
 28. Dronkers, N.F., Redfern, B.B. & Henik, A. Automatic and controlled conceptual and semantic priming in aphasic patients. *Journal of the International Neuropsychological Society*, 1997, 3, 37.
 29. Dronkers, N.F., Baynes, K., Redfern, B.B. & Henik, A. Hemispheric contributions to conceptual and semantic priming. *Brain and Language*, 1997, 60(1), 29-32.
 30. Dukette, D., Baynes, B., Redfern, B., Share, L., Ludy, C. & Dronkers, N.F. Lexical dual access in production: A targeted rehabilitation study. *Journal of the International Neuropsychological Society*, 1998, 4, 69-70.
 31. Dronkers, N.F., Redfern, B.B., & Ludy, C. Brain regions associated with conduction aphasia and echoic rehearsal. *Journal of the International Neuropsychological Society*, 1998, 4, 23-24.
 32. Dick, F., Bates, E., Wulfeck, B., & Dronkers, N. Simulating deficits in the interpretation of complex sentences in normals under adverse processing conditions. *Brain and Language*, 1998, 65(1), 57-59.
 33. Baynes, K., Dronkers, N.F., Greene, A. & Redfern, B.B. Facilitation of word and picture recognition in focal lesion patients, *Brain and Language*, 1998, 65, 137-139.

34. Dronkers, N.F. The role of Broca's area in language, *Brain and Language*, 1998, 65, 71-72.
35. Dick, F., Wulfeck, B.B., Bates, E.A., Saltzman, D., Naucler, N. & Dronkers, N.F. Interpretation of complex syntax in aphasic adults and children with focal lesions or specific language impairment. *Brain and Language*, 1999, 69(3), 335-337.
36. Bates, E.A., Reilly, J., Wulfeck, B.B., Dronkers, N.F., Opie, M., Miller, L., Fenson, J., Herbst, K. & Kriz, S. Comparing free speech in children and adults with left- vs right-hemisphere injury. *Brain and Language*, 1999, 69(3), 377-379.
37. Bates, E.A. & Dronkers, N.F. Comparing lesion studies with functional imaging in normal subjects. *Brain and Language*, 1999, 69(3), 251-252.
38. Baldo, J. & Dronkers, N.F. Verbal and non-verbal short-term memory in patients with conduction aphasia and prefrontal cortex lesions. *Brain and Language*, 1999, 69(3), 475-478.
39. Dronkers, N.F., Husted, D.A., Deutsch, G., Taylor, M.K., Saunders, G. & Merzenich, M.M. Lesion site as a predictor of improvement after Fast ForWord treatment in adult aphasic patients. *Brain and Language*, 1999, 69(3), 450-452.
40. Dronkers, N.F., Plaisant, O., Iba-Zizen, M.T. & Cabanis, E.A. Broca's historic cases revisited. *Brain and Language*, 2000, 74, 553-555.
41. Bates, E., Dick, F., Moineau, S., Miller L., Ludy, C. & Dronkers, N.F. Processing the component parts of active and passive sentences: Why are passives hard? *Brain and Language*, 2001, 79, 115-117.
42. Baldo, J.V., Elder, J.T., Larsen, J., Dronkers, N.F., Redfern, B. and Ludy, C. Is cognition intact in patients with aphasia? *Brain and Language*, 2001, 79, 64-67.
43. Baldo, J.V., Ludy, C., Wilkins, D.P. & Dronkers, N.F. Impaired category but preserved letter fluency in patients with severe Wernicke's aphasia. *Brain and Language*, 2002, 84.
44. Dronkers, N.F., Wilkins, D.P., Van Valin, R.D. Jr., Redfern, B.B. & Jaeger, J.J. Lesion analysis of the cortical areas involved in sentence comprehension. *Brain and Language*, 2002, 84.
45. Saygin, A.P., Dronkers, N.F., Dick, F., Ludy, C. & Bates, E. Deficits in processing meaningful nonverbal sounds in patients with aphasia. *Journal of Cognitive Neuroscience*, 2002, 154.
46. Moineau, S., Dronkers, N.F., Ludy, C. & Bates, E. Patterns of noun and verb comprehension in normal and aphasic listeners. *Journal of Cognitive Neuroscience*, 2003, Suppl: 208.
47. Wilson, S.M., Bates, E., Saygin, A.P., Dick, F., Sereno, M., Knight, R. & Dronkers, N.F. Voxel-based lesion-symptom mapping. *Journal of Cognitive Neuroscience*, 2003, Suppl: C253, 114.
48. Rubensten, O., Henik, A. & Dronkers, N.F. Is the right hemisphere capable of

- reading and understanding a word? *Journal of Cognitive Neuroscience*, 2003.
49. Saygin, A.P., Dronkers, N.F., Wilson, S.M., Ludy, C. & Bates, E. Pantomime interpretation and reading comprehension in patients with aphasia. *Journal of Cognitive Neuroscience*, 2003, Suppl: C77, 96.
 50. Wilson, S.M., Bates, E., Saygin, A.P., Dick, F., Sereno, M., Knight, R. & Dronkers, N.F. Voxel-based lesion-symptom mapping: An application to speech fluency and language comprehension. *NeuroImage*, 2003, 19(2).
 51. Saygin, A.P., Wilson, S.M., Dick, F., Dronkers, N.F., Bates, E. Neural correlates of non-linguistic impairments in aphasia. *NeuroImage*, 2003, 19(2).
 52. Ogar, J., Dronkers, N.F. Willock, S.B., Wilkins, D.P. The role of the insula in coordinating complex articulatory movements. *Journal of Cognitive Neuroscience*, 2004, Suppl.
 53. Baldo, J. & Dronkers, N.F. Dissociation of articulatory rehearsal and the phonological store: evidence from frontal and temporo-parietal patients. *Journal of Cognitive Neuroscience*, 2004, Suppl.
 54. Dronkers, N.F., Ogar, J., Willock, S. & Wilkins, D.P. Confirming the role of the insula in coordinating complex but not simple articulatory movements. *Brain and Language*, 2004, 91, 23-24.
 55. Borovsky, A., Saygin, A.P., Dronkers, N.F., & Bates, E.A. Lesion mapping of word class deficits in conversational speech production in aphasic stroke patients. *Journal of Cognitive Neuroscience*, 2005, Suppl.
 56. Baldo, J. V., Wilkins, D., & Dronkers, N. F. Working memory and language comprehension in patients with inferior parietal and inferior frontal lesions. *Journal of the International Neuropsychological Society*, 2006, 12 Suppl. S1, 173.
 57. de Mornay Davies, P., Ludy, C. & Dronkers, N.F. Agrammatic aphasia, inflectional morphology and receptive phonology – what’s the connection? *Journal of Cognitive Neuroscience*, 2006, Suppl.
 58. Baldo, J.V., Petrenko, F. & Dronkers, N.F. Mathematical ability and its relationship to language. *Journal of Cognitive Neuroscience*, 2006, Suppl.
 59. Baldo, J. & Dronkers, N.F. Neurological and genetic factors affecting severity of aphasia following stroke. *Journal of the International Neuropsychological Society*, 2007, 13, Suppl. S1, 133.
 60. Agosta F., Henry, R.G., Migliaccio, R., Neuhaus, J., Miller, B.L., Dronkers, N., Brambati, S.M., Filippi, M., Wilson, S.M., Ogar, J.M., Gorno-Tempini, M.L. Diffusion tensor-based tractography of language networks in semantic dementia. *Neurology*, 2009, 256, Suppl 2, S56-S57 and 72, Suppl. 3, A265-266.
 61. Tartaglia, M.C., Galantucci, S., Wilson, S.M., Henry, M., Growdon, M., Filippi, M., Agosta, F., Kramer, J.H., Dronkers, N., Miller, B.L., Henry, R.G. & Gorno-Tempini

M. Tractography can be used for detecting abnormalities in primary progressive aphasia. *Dementia and Geriatric Cognitive Disorders*, 2010, 30 Suppl 1, 89.

62. Galantucci, S., Tartaglia, M.C., Wilson, S.M., Henry, M., Jang, J., Filippi, M., Agosta, F., Dronkers, N.F., Ogar, J.M., Miller, B.L., Gorno-Tempini, M.L. White matter microstructural damage in language tracts in primary progressive aphasias: a diffusion-tensor tractography study. *Neurology*, 2011, 76, Suppl 4, A77.
63. Tartaglia, M.C., Galantucci, S., Wilson, S., Henry, M., Growdon, M., Filippi, M., Dronkers, N., Miller, M., Gorno-Tempini, M.L. Diffusivity abnormalities in specific white matter tracts contribute to impairment in repetition in primary progressive aphasia. *Neurology*, 2011, 76, Suppl 4, A456.

(discontinued recording after 2011)

B.2. Invited Presentations

1. Automatic speech in aphasia. University of Maryland, College Park, May 1981.
2. Formulaicity in aphasic speech. Conference on "Formulaicity in Language", College Park, Maryland, July 1982.
3. Using what you've got: Automatic speech as a communicative device in aphasia. Max-Planck-Institut fur Psycholinguistik, Nijmegen, The Netherlands, October 1982.
4. Language and the brain. California School of Professional Psychology, Berkeley, California, May 1985.
5. Language and the brain. California School of Professional Psychology, Berkeley, California, May 1986.
6. Automatic speech in aphasia. University of California, San Francisco, October 1986.
7. Neurolinguistics. Department of Anatomy and Physiology, University of California, Berkeley, April 1987.
8. Neuropsychological contributions to the management of aphasia and related disorders. Conference on "International and Interdisciplinary Approaches to the Management of Aphasia and Related Disorders", San Francisco, California, April 1987.
9. Aphasia. Department of Psychology, University of California, Davis, February 1988.
10. Language and the Brain. St. Mary's Hospital, San Francisco, California, February 1988.
11. Neuroanatomy by brain dissection. California State University, San Francisco, February 1988.

12. Adult language disorders. St. Mary's Hospital, San Francisco, California, March 1988.
13. Wertz, R.T. & Dronkers, N.F. Influence of aging on aphasia. American Speech-Language-Hearing Association Research Symposium on Communication Sciences and Disorders and Aging. Washington, D.C. September 1988.
14. Neurolinguistics and cognitive neuro "modularity". Department of Psychology, University of California, Berkeley, April-May 1989.
15. The role of neurolinguistics in aphasia research. University of California, San Francisco, May 1989.
16. Language and the brain. University of California, Davis, January 1991.
17. Cerebral localization of language. University of California, Berkeley, April 1991.
18. Cerebral localization of language. SUNY, Buffalo, May 1991.
19. Language deficits associated with diseases of aging. University of California, Davis, November 1991.
20. Cerebral localization of language. University of Hawaii, November 1991.
21. Cerebral localization of language. University of California, Berkeley, February 1992.
22. Cerebral localization of language. University of California, Davis, March 1992.
23. A new approach to the cerebral localization of language. University of California, San Diego, June 1992.
24. Cerebral localization of language. VA Medical Center, Albuquerque, New Mexico, September 1992.
25. Cerebral localization of language revisited. Eastern States Conference on Linguistics, Buffalo, New York, November 1992.
26. Aphasia. Merrithew Memorial Hospital, Martinez California, January 1994.
27. Language Dissolution in Alzheimer's Disease and Stroke, Center for Aging and Health, University of California, Davis, January 1994.
28. Cerebral localization of language. University of California, San Diego, March 1994.
29. Localization studies of aphasia. Cognitive Science Institute, SUNY, Buffalo, July 1994.
30. Dronkers, N.F., Yamasaki, Y., Ross, G.W. & White, L. Assessment of bilinguality in aphasia: Issues and examples from multicultural Hawai'i. IALP Aphasia Committee Meeting, Bordeaux, France, August 1994.

31. Language localization by lesion analysis. McDonnell-Pew Program in Cognitive Neuroscience Annual Meeting. Tucson, Arizona, January 1995.
32. Cerebral localization of language. Cognitive Science Colloquium, University of Oregon, May 1995.
33. Broca's and Wernicke's areas: A second century of lesion analysis. McDonnell-Pew Cognitive Neuroscience retreat, San Diego, California, May 1995.
34. Mapping language areas in the human brain, Cognitive Science Colloquium, University of California, Berkeley, March 1996.
35. Lesion analysis of cognitive abilities in aphasia. World Federation of Neurology, Squaw Valley, California, March 1996.
36. Aphasia. Neurology Grand Rounds. Merrithew Memorial Hospital, Martinez, California, May 1996.
37. Semantic priming in aphasia. University of California, San Diego, May 1996.
38. Cerebral localization of language. University of California, San Diego, May 1996.
39. Acquired aphasia. Continuing Medical Education Lecture, VA Northern California Health Care System, Martinez, California, June 1996.
40. Dronkers, N.F., Ludy, C.A. & Redfern, B.B. Pragmatics in the absence of verbal language: Descriptions of a severe aphasic and a linguistically feral adult. Aphasia Committee, International Association of Logopedics and Phoniatrics, Montreal, Quebec, July 1997.
41. Language localization by lesion analysis. Montreal Neurological Institute, Montreal, Quebec, July 1997.
42. The neural architecture of language. Cognitive Neuroscience Summer Institute, Lake Tahoe, California, July 1998.
43. Cerebral localization of language. American Psychological Association, San Francisco, California, August 1998.
44. L'aire de Broca: 137 ans plus tard. Société Anatomique de Paris, Paris, France, January, 1999.
45. Cerebral localization of language: Broca's area and beyond. California State University, Hayward, February 1999.
46. Language dysfunction in Alzheimer's disease. UC Davis Alzheimer's Disease Center, April 1999.
47. Effects of brain injury on adult language. Sackler advisory board on neurodevelopmental language disorders, Venice, Italy, August, 1999.

48. MRI Comparison of the brains of Paul Broca's historic cases with modern cases of aphasia. University of California, San Francisco, August, 1999.
49. Effects of brain injury on adult language. University of California, San Francisco, September, 1999.
50. Effects of brain injury on adult language. University of California, Berkeley, September, 1999.
51. Dronkers, N.F., Plaisant, O., Iba-Zizen, M-T. & Cabanis, E.A. Imagerie par résonance magnétique des deux cerveaux des cas historiques de Paul Broca. Société Anatomique de Paris, Paris, France, October, 1999.
52. Effects on brain injury on adult language. Hôpital de la Salpêtrière, Paris, France, October, 1999.
53. New findings on the effects of brain injury on adult language. University of California, Berkeley, California, November, 1999.
54. Lesion site as a means of predicting recovery in aphasia. American Society of Neurorehabilitation, San Diego, California, April, 2000.
55. Mapping language areas in the brain by lesion analysis. American Neuropsychiatric Association, Ft. Myers, Florida, February, 2001.
56. Brain MRI scans of Broca's historic patients from 1861. Continuing medical education lecture for the VA Northern California Health Care System, Martinez, California, July, 2001.
57. Mapping language areas in the brain. University of California, Berkeley, September, 2001.
58. Apraxia of speech. Frontal-temporal dementia consortium, University of California, San Francisco, March, 2002.
59. Mapping language areas in the brain by lesion analysis. University of California, San Diego, UCSD Distinguished Lecture Series, March, 2002.
60. Mapping language areas in the brain by lesion analysis. University of California, Davis, April, 2002.
61. Mapping language areas in the brain by lesion analysis. Washington University, St. Louis, Missouri, April, 2002.
62. Mapping language areas in the brain. University of California, Berkeley, November, 2002.
63. Brain areas involved in language comprehension. University of California, Davis, February, 2003.
64. Mapping language areas in the brain by lesion analysis. Second Annual Forum on Language, Brain and Cognition: Brain Imaging, Aphasiology and Computational

- Modeling. Tohoku University, Sendai, Japan, October, 2003.
65. Mapping language areas in the brain. Brain Research Institute, University of Niigata, Niigata, Japan, October, 2003.
 66. Brain areas capable of language. Symposium on "Explaining Humans", Salk Institute, La Jolla, California November 2003.
 67. Mapping language areas in the brain. University of California, Berkeley, November, 2003.
 68. Cross-linguistic studies of aphasia. National Yang Ming University, Taipei, Taiwan, April, 2004.
 69. Mapping language areas in the brain. National Yang Ming University, Taipei, Taiwan, May, 2004.
 70. Apraxia of speech and the precentral gyrus of the insula. World Federation of Neurology, Cambridge, England, July, 2004.
 71. Mapping language areas in the brain. University of California, Berkeley, September, 2004.
 72. Broca's area, Broca's aphasia, and Broca's historic cases. University of California, San Diego, March, 2005.
 73. Brain areas associated with speech and language disorders. McGill University, Montreal, Quebec, Canada, June, 2005.
 74. Wernicke's aphasia: What it is and what it's not. University of California, San Diego, November, 2005.
 75. Mapping language areas in the brain. University of California, Berkeley, September, 2005.
 76. Mapping language areas in the brain. University of California, Berkeley, September, 2006.
 77. Brain areas associated with speech and language disorders. University of California, Berkeley, May, 2007.
 78. Mapping language areas in the brain. University of California, Berkeley, September, 2007.
 79. Aphasia. University of California, San Diego, November, 2007.
 80. Broca's area, Broca's aphasia, and Broca's brains. Neurology Department Grand Rounds, University of Maryland, Baltimore, April 2008.
 81. Mapping language areas in the brain. University of California, Berkeley, September, 2008.

82. The anatomy of language areas in the brain. University of California, Davis, October, 2008
83. Scanning the brains of Paul Broca's first patients. Neurology Grand Rounds, University of California, Davis, October, 2008
84. Aphasia. University of California, Berkeley, October, 2008
85. The neuroscience of language, University of California, Davis, November, 2008
86. Bilingual Aphasia. Boston University, October, 2009.
87. Brain areas associated with speech and language disorders. Dept. of Neurosurgery Grand Rounds, University of California, San Francisco, October, 2009.
88. Speech and language disorders after injury to the brain. Doctor's Hospital, San Pablo, June, 2010.
89. Mapping language areas in the brain. University of California, Berkeley, October, 2010.
90. The neuroanatomy of language. University of California, Berkeley, September, 2011.
91. Neural correlates of auditory comprehension deficits in stroke patients with aphasia. National Center for Rehabilitative Auditory Research, Portland, Oregon, October, 2011.
92. Effects of stroke on speech and language in veterans. Research Day, VA Northern California Health Care System, April, 2012.
93. Neuroanatomical correlates of auditory comprehension deficits in stroke patients with aphasia. National Institute for Deafness and Communication Disorders, Bethesda, Maryland, June 2012.
94. Neuroanatomical correlates of auditory comprehension deficits in stroke patients with aphasia. Max Planck Institute for Human Cognitive and Brain Sciences, Leipzig, Germany, May, 2012.
95. Lesion and connectivity analysis of a network supporting language comprehension. Memory and Aging Center Grand Rounds, University of California, San Francisco, August, 2012.
96. Lesion and connectivity analysis of a network supporting language comprehension. Dept. of Neurology Grand Rounds, University of California, Los Angeles, September, 2012.
97. The neuroanatomy of language. University of California, Berkeley, September, 2012.

98. The role of the insula in speech production. Special debate at the Neurobiology of Language Conference, San Sebastian, Spain, October, 2012.
99. Effects of stroke on speech and language in veterans. Home-based Primary Care Program, VA Northern California Health Care System, November, 2012.
100. Structural and functional connectivity of the brain regions supporting auditory sentence comprehension. Plenary lecture for the Japan Society for Higher Brain Dysfunction, Utsunomiya, Japan, November, 2012.
101. Speech and language deficits after injury to the adult brain. UCSF Osher Mini Medical School for the Public, University of California, San Francisco, December, 2012.
102. What do we know about the neural substrates of recovery? McDonnell Planning Grant meeting, St. Louis, April, 2013.
103. The neural architecture of auditory comprehension. Keynote address for the British Aphasiology Society, Manchester, England, September, 2013.
104. Lesion and connectivity analysis of a network supporting language comprehension. Clinical Neuroanatomy Seminar, Gordon Museum, London, England, September, 2013.
105. Lesion and connectivity analysis of a network supporting language comprehension. Macquarie University, Sydney, Australia, November, 2013.
106. Effects of stroke on speech and language in veterans. Research Day, VA Northern California Health Care System, May, 2014.
107. Language and the brain: Learning from aphasia. Keynote lecture in honor of the retirement of Beverly Wulfeck, San Diego State University, May, 2014.
108. Aphasia. Center for Speech Pathology, Moscow, Russian Federation, June, 2014.
109. Visualizing the brain's fiber pathways. International Neurolinguistics Laboratory, Moscow Research University, Higher School of Economics, Moscow, Russian Federation, June, 2014.
110. What has the study of aphasia taught us about language and the brain? Cold Springs Harbor Laboratory: Genetics & the Neurobiology of Language, July, 2014.
111. The neuroanatomy of language. University of California, Berkeley, October, 2014.
112. Language and the brain: Learning from aphasia. Kosmos Club, University of California, Berkeley, December, 2014.
113. Language disorders and the neurobiology of language. Keynote lecture, Molecular, Cellular, Integrative Physiology annual retreat. University of California, Los Angeles, February 2015.

114. Brain substrates for language. International Neurolinguistics Laboratory, Moscow Research University, Higher School of Economics, Moscow, Russian Federation, August, 2015.
115. Neuroimaging of language pathologies. International Neurolinguistics Laboratory, Moscow Research University, Higher School of Economics, Moscow, Russian Federation, August, 2015.
116. Language and the brain: learning from aphasia. Boston University, Boston, October, 2015.
117. The neuroanatomy of language. University of California, Berkeley, October, 2015.
118. Learning from aphasia: from old theories to new ideas. University of Arizona, Tucson, November, 2015.
119. Lesion and connectivity analysis of a network supporting language comprehension. University of Arizona, Tucson, November, 2015.
120. Aphasia: Language disorders and localization. FENS Winter School, Obergurgl, Austria, January, 2016.
121. Language Dysfunction. First International Brain Mapping Course, American Association of Neurological Surgeons, Chicago, April, 2016.
122. Using neuroimaging to assess brain-language relationships. International Neurolinguistics Laboratory Summer School, Moscow Research University, Higher School of Economics, Moscow, Russian Federation, July, 2016.
123. Using neuroimaging to assist in diagnosis and treatment. International Neurolinguistics Laboratory Summer School, Moscow Research University, Higher School of Economics, Moscow, Russian Federation, July, 2016.
124. Lexical semantics and the middle temporal gyrus. Language in Interaction Summer School, Nijmegen, The Netherlands, July, 2016.
125. Brain mechanisms of speech and language production. International Workshop on Language Production, La Jolla, California, July 2016.
126. Language and the brain: from past studies to future aspirations. The 1st Annual Edith Kaplan Memorial Lecture: International Neuropsychological Society, New Orleans, Louisiana, February, 2017.
127. What do language disorders reveal about the brain? From classic models to network approaches. Grand Lecture, Brain and Spine Institute, Paris, France, June 2017.
128. The neuroanatomy of language. University of California, Berkeley, October, 2017.
129. Using voxel-based lesion symptom mapping (VLSM) in the search for the brain substrates for language. Thirty-sixth European Workshop on Cognitive Neuropsychology: special symposium, Bressanone, Italy, January, 2018.

130. What do language disorders reveal about the brain? From classic models to network approaches. IDEA lab lecture, Bressanone, Italy, January, 2018.
131. Is lesion analysis still relevant for cognitive neuroscience? Cognitive Neuroscience Society special symposium, Boston, March, 2018.
132. What do language disorders reveal about the brain? From classic models to network approaches. Woolfolk Distinguished Lecture Series, University of Texas, Austin, March, 2018.
133. Language Dysfunction. Second International Brain Mapping Course, American Association of Neurological Surgeons, New Orleans, April 2018.
134. Neurobiology of language: Past, present and future. Past Presidents Panel, Society for the Neurobiology of Language, August 2018.
135. The neuroanatomy of language. University of California, Berkeley, September, 2018.
136. What do language disorders reveal about the brain? From classic models to network approaches. Annual M.D. Steer Lecture, Purdue University, October, 2018.
137. What do language disorders reveal about the brain? From classic models to network approaches. Distinguished Speaker Colloquium, San Francisco State University, February, 2019.
138. What do language disorders reveal about the brain? From classic models to network approaches. Georgetown University, February, 2019.

B.3. Invited Workshops and Short Courses

1. Dronkers, N.F. & Zaidel E. Hemispheric mechanisms of language and cognition (three-week course). Cognitive Science Institute, SUNY, Buffalo, July 1994.
2. Language and the brain (short course). Cognitive Science Institute, Sofia, Bulgaria, July 1995.
3. Anatomy of adult aphasia. Annual Cimarron Conference on Communication Disorders, Stillwater, Oklahoma, February 1995.
4. Neuropsychological assessment of aphasia. International Neuropsychological Society, Chicago, Illinois, February 1996.
5. Anatomy and characteristics of aphasia. California Speech and Hearing Association, Monterey, California, March 1996.
6. Anatomy and characteristics of aphasia. Tennessee Speech and Hearing Association, Nashville, Tennessee, March 1996.
7. Anatomy and characteristics of adult aphasia. Tahoe Time, South Lake Tahoe, California, August 1996.

8. Broca's aphasia and the lesions that cause it. American Speech-Language-Hearing Association, San Francisco, California, November, 1999.
9. Monthly lectures on aphasia and progressive aphasia. University of California, San Francisco, 2002 to 2010.
10. Lecturer, Summer Program in Neurolinguistics, Moscow Research University, Higher School of Economics, Moscow, Russian Federation, September, 2014, August 2015, June 2017.
11. Adult Aphasia: Classifications, Localization, and Neuroimaging. International Neuropsychological Society, New Orleans, Louisiana, February, 2017.

B.4. Televised/Video Presentations/ Presentations to the Media

1. "Language and the brain". Ongoing exhibit at the Lawrence Hall of Science, University of California, Berkeley, 1990 to present.
2. "Cerebral localization of production deficits in aphasia". Nationally-televised "Telerounds" production, National Center for Neurogenic Communication Disorders, University of Arizona, March 1993.
3. Segment on language in "Brain Story: Program 4 - First Among Equals", BBC Production, 2000.
4. Segment on *Nature* podcast, regarding imaging the brains of Paul Broca's original patients, April 2007.
5. Connections supporting language comprehension. Presentation at press conference, Society for Neuroscience, November, 2010.

B.5. Conference Presentations

(over 200 conference presentations)