

Curriculum Vitae

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Name: David Norman Caplan

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Massachusetts General Hospital
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Place of Birth: Montreal, Quebec, Canada

Education:

Year	Degree	Institution
1964-1965	Junior Year and pre-Masters	Laval University , Quebec City
1968	B.Sc.	Massachusetts Institute of Technology, Cambridge, Massachusetts
1971	Ph.D.	Massachusetts Institute of Technology, Cambridge, Massachusetts (Linguistics)
1975	M.D., C.M.	McGill University, Montreal

Postdoctoral Training:

Year(s)	Title	Specialty/Discipline	Institution
1972	Research Elective/ Supervisor	MRC Language and Communication Unit	Edinburgh; J.C. Marshall
1973	Research Elective/ Supervisor	Aphasic Unit	Hopital Hotel Dieu, Montreal; A.R. Lecours
1975-1976	Internship	Intern in Medicine	Montreal General Hospital; Montreal
1976-1979	Resident in Neurology	Longwood Area Program	Peter Bent Brigham Children's Hospital Medical Center, Beth Israel Hospital; Boston

Licensure and Certification:

Year	Type of License/Certification
1976-1981	Medical License, Medical Board, Commonwealth of Massachusetts
1979	Diplomate in Neurology, Royal College of Physicians of Canada
1980	Diplomate, American Board of Psychiatry and Neurology
1980-1981	Medical License, College of Physicians and Surgeons of Ontario
1981-1982	Medical License, Pennsylvania State Board of Medicine
1982-1988	Medical License, Corporation Professionnelles des Medecins du Quebec
1988-	Medical License, Medical Board, Commonwealth of Massachusetts

Academic Appointments:

Year(s)	Academic Title	Department	Academic Institution
1969	Research Assistant	Linguistics	MIT
1969-1971	Teaching Assistant	Linguistics	MIT
1969-1971	Research Consultant	Dept. of Linguistics, Neurological Unit	Boston State Hospital
1971	Research Assistant	Dept. of Psychology	MIT
1980-1981	Assistant Professor	Dept. of Medicine (Neurology)	University of Ottawa, Canada
1980-1981	Adjunct Professor	Dept. of Linguistics	University of Ottawa, Canada
1981-1982	Associate Professor	Dept. of Neurology	Temple University, School of Medicine, Philadelphia
1982-1988	Associate Professor	Dept. of Neurology & Neurosurgery	McGill University
1982-1988	Adjunct Associate Professor	Dept. of Linguistics	McGill University
1987-1988	Adjunct Associate Professor	School of Human Communication Disorders	McGill University
1988-1996	Associate Professor	Dept. of Neurology	Harvard Medical School
1988-	Lecturer	Department of Brain and Cognitive Sciences	MIT
1989-	Adjunct Associate Professor	Dept. of Neurology	Boston University
1990-	Adjunct Professor	Dept. of Communication Disorders	Boston University
1996-	Professor	Dept. of Neurology	Harvard Medical School
1996-	Lecturer	Health Science and Technology: Speech and Hearing Sciences	MIT

Hospital Appointments:

1980-1981	Attending Physician, Medicine (Neurology)	Ottawa Civic Hospital, Ottawa
1981-1982	Attending Physician, Neurology	Temple University Hospital, Philadelphia
1982-1988	Attending Physician	Montreal Neurological Hospital, Montreal
1982-1988	Attending Physician	Royal Victoria Hospital, Montreal
1988-1996	Associate Neurologist	Massachusetts General Hospital, Boston
1989-1994	Neurologist	Whittier Rehabilitation Hospital, Haverill, MA
1990-	Neurologist	Spaulding Rehabilitation Hospital, Boston
1996-	Neurologist	Massachusetts General Hospital, Boston

Other Professional Positions and Major Visiting Appointments:

Year(s)	Position Title	Institution
1979	Sloan Scholar and Visiting Assistant Professor; Departments of Computer and Information Science and Linguistics	University of Massachusetts
1982	Visiting Associate Professor, Linguistics Society of America	Summer Institute, University of Maryland
1985	Professore a Contratto, Psychology Department	University of Padova, Italy
1986	M.R.C. Visiting Professor; Speech Sciences, Linguistics, & Neurology	University of British Columbia

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1987	Visiting Professor, Linguistics Society of America	Summer Institute, Stanford University
1992	Visiting Professor	Complutense University, Madrid, Spain
1993	Visiting Professor	University of Siena, Siena, Italy
1990-1993	Advisory Board	Wellmark Corporation
1995-2000	Chair, Medical Advisory Board; Reading Disabilities Program	Scottish Rite Northern Jurisdiction

Hospital and Health Care Organization Service Responsibilities:

1984-1988	Director, Speech Pathology Services	Montreal Neurological Hospital
1988-	Director, Neuropsychology Laboratory	Massachusetts General Hospital
1988-2007	Director, Reading Disabilities Unit	Massachusetts General Hospital
1990-	Director, Behavioral/Cog. Neurology Clinic	Massachusetts General Hospital
1994-1997	Member, Subcommittee for Review of Research Proposals	Massachusetts General Hospital
2002-2005	Member, Committee for Appointments and Promotion	Harvard Medical School
2002 -	Member and Chair, ad-hoc committees of the Subcommittee of Professors to evaluate applications for promotion to Professor	Harvard Medical School
2007-	Member, Subcommittee of Professors	Harvard Medical School

Major Administrative Responsibilities:

1985-1988	Panel Member	Fonds de Recherche en Sante du Quebec, Post Doctoral Fellowship
1989-1992	Panel Member	Behavioral Sciences Review Committee, MRC, Canada
1990-1996	Panel Member	IRG (Sensory Disorders and Language), NIH, Ad hoc: 1990-1992; Regular 1992-96
1994	Expert Panel	Strategic Research Plan Development, NIDCD
Ongoing	Reviewer grants for NIH	VA, NSF, MRC (Canada), Learned Societies (Canada), (USA), Singapore, etc.
Ongoing	Reviewer for professional journals (PNAS, Cognitive Neuropsychology, Neuron, Brain, etc).	

Major Committee Assignments:

University:

1987-8	McGill-IBM Cooperative Project	Director	McGill University
2000 - School	Subcommittee Considering Promotions to Professor	Member and Chair	Harvard Medical
2003-5 School	Promotions and Appointments Committee		Harvard Medical
2007-10 School	Subcommittee of Professors		Harvard Medical

Professional Societies:

Year	Society	Role
1970-80	Linguistic Society of America	
1979-	American Academy of Neurology	
1979-	Academy of Aphasia	
1980-1988	Canadian Neuroscience Society	
1980-1988	Centre de Recherche en Sciences Neurologiques, Universite de Montreal	
1984-	Behavioral Neurology Society	
1984-	World Federation and Neurology, Working Group on Aphasia	
1987-	Cognitive Science Society	

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1993- Psychonomics Society
 1994-6 American Psychological Society
 1993-8 American Association for the Advancement of Science
 1995-8 Member at Large, Linguistics and Language Section, AAAS

Editorial Boards:

1979-	Corresponding Associate Editor	<u>Behavior and Brain Science</u>
1980-	Editorial Board	<u>Cognition</u>
1980-1986	Editorial Board	<u>Brain and Language</u>
1981-1985	Series Editor	Series on Neurolinguistics and Neuropsychology, MIT Press
1987-1994	Editorial Board	<u>Language and Cognitive Processes</u>
1995-	Managing Editor	<u>Language and Cognitive Processes</u>
1987-	Editorial Board	<u>Journal of Psycholinguistic Research</u>
1993-	Editorial Board	<u>Journal of Neurolinguistics</u>

Awards and Honors:

1968	Doctoral Fellowship	Province of Quebec
1969	Doctoral Fellowship, Honorary	Province of Quebec
1969-1971	Doctoral Fellowship	Canada Council
1972-1974	University Fellowship	McGill University
1974	Quebec Medical Research Council Student Grant	
1980	Medical Research Council of Canada Scholar (Awarded)	
1982-1983	Killiam Fellow (Neurology)	Montreal Neurological Institute
1983-1984	McGill Research Scholarship	McGill University
1984-1987	FRSQ Chercheur-Boursier Award, Senior Level I	
1987-1990	FRSQ Chercheur-Boursier Award, Senior Level II	

Research, Teaching and Clinical Contributions

My research deals with the nature of syntactic comprehension, its relation to general cognitive capacities such as working memory, its disorders, and its neural basis. The techniques used to study these topics include psychological experiments regarding syntactic comprehension and related general cognitive functions in normal populations and aphasic patients; static MR imaging of structural, metabolic and perfusion of lesioned brains; and function neurovascular imaging of normal brains while participants perform comprehension tasks. These studies have shown a series of evolving features of parsing and interpretation, their disorders, and their relation to neural structures over the years.

I see patients in the Cognitive/Behavioral Neurology clinic at MGH, which I direct; I attend on the Neurology consultation service at MGH and do consultations at the Spaulding Rehabilitation Hospital. I hold rounds regularly in the Cognitive/Behavioral Neurology clinic and for Speech Pathologists at SRH. I have taught courses at B.U. and M.I.T., give occasional lectures in courses at B.U. and M.I.T., and direct M.S., Ph.D. and post-doctoral trainees.

Research Funding Information:

Years	Funding Source	PI/CO-PI	Grant Title
1980	MRC	PI	Medical Research Council of Canada: Linguistic Studies of Aphasia
1980 of	PSI (Ont)	PI	Physicians Services Inc. of Ontario Grant: Linguistic Studies of Aphasia

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1980	SSHR	CO-PI	Social Sciences and Humanities Research Council: Word and Hemispheric Specialization	
Classes				
1982 - 1985	NIH	CO-PI	Psycholinguistic Studies of Aphasia	
1983-86	Medical Research Council of Canada	CO-PI	Neuropsychological Aspects of Aging	
	Program Grant PG-28			
1983-1985	Fonds de Recherche en Sante du Quebec	PI	Sentence Comprehension in Aphasia	
1988-1995	Medical Research Council of Canada Operating Grant (MA 8602)	PI	Syntactic Comprehension in Aphasia	
1984-1986	Sloan Foundation Grant	PI	Inter-University Working Group on Aphasia	
1985	Social Science and Humanities Research Council of Canada Travel Grant	PI	Attendance at conference on "Neuropsychology of Processes"	Cognitive
1986-1991	Medical Research Council of Canada Operating Grant (MA 9671)	PI	Syntactic Comprehension after Brain Damage	
1990-93 and	Alzheimer's Association of America	CO-PI	Processing resources in sentence comprehension in aging dementia of the Alzheimer's type	
1990-1994	NIDCD, (RO1 DC00776)	PI	Acoustic-Phonetic Disturbances and lexical Access	
1991-1993	NIDCD, (RO3 DC02146)	PI	Localization of Syntactic Comprehension by PET	
scanning				
1991-1994	NINCS, (RO1-NS29101)	PI	A Psycholinguistic Survey of Aphasic	
Impairments				
1992-1996	NINDS, (PO1-NS27950)	PI	Neuropsychological Models and Focal CNS Disease	
1995-1998	Le Fonds FCAR form	Co-PI	Selective impairments of the ability to abstract and meaning	
1992-2000	NIDCD (PO1 DC00081)	PI	Sentence Production in Aphasia	
1999-2003	NIDCD (RO1 DC01198)	PI	PET Studies of Syntactic Comprehension	
1992-2007				

NIDCD
 Localization of Disorders of Syntactic Comprehension (RO1 DC00942)
 P.I.: David Caplan

NIDCD
 An Investigation of the Trace Deletion Hypothesis (RO1 DC04608)
 P.I.: David Caplan; 2000-2005

NIDCD
 Sources of rCBF Effects in Syntactic Comprehension (RO1 DC05391)
 P.I.: David Caplan; 2003-2005

NIA
 Sentence Processing in Aging and DAT (RO1-AG09661)
 P.I.: Gloria Waters; Co-PI: David Caplan; 1992-1997, 1997 – 2002, 2002 - 2007

NIDCD
 Plausibility and Local Processing Load (RO1 DC05237)
 P.I. N. Pearlmutter; Co-PI; D. Caplan; 2001-2006

NIDCD
 Functional Neuroimaging Studies of Syntactic Processing (R01 DC02146)

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PI: D. Caplan, 2001-2005; no cost extention

Current Support

NIDCD

Functional Neuroimaging Studies of Syntactic Processing (R01 DC02146)

PI: D. Caplan, 2007-2010NIDCD

NIDCD

Disturbances of Syntactic Comprehension (RO1 DC00942)

P.I.: David Caplan 2006-2011

NIDCD

Neural Dynamics of Spoken Word Recognition (2R01DC003108-11A1)

PI: D Gow; Investigator: D Caplan. Start Date: 12/1/09.

NIDCD

Theoretically based treatment for sentence comprehension deficits in aphasia (1R21DC010461-01)

PI: S Kiran; Investigator: D Caplan. Start Date: 12/1/09.

Teaching Experience:

Local Contributions

1979	Neurolinguistics, Ph.D Seminar, Computer and Information Science and Linguistics, University of Massachusetts
1980-1981	Neurolinguistics, Ph.D. Seminar, Linguistics, University of Ottawa
1980-1981	Clinical teaching of residents in Neurology and Medicine, Ottawa Civic Hospital, University of Ottawa
1980-1981	Lectures on language disorders to medical students, medical interns and neurology residents, University of Ottawa
1981-1982	Clinical teaching of residents in Neurology and Medicine, Temple University Hospital, Temple University, Philadelphia
1982	Neurolinguistics Seminar, Linguistic Society of America, Summer Institute, University of Maryland
1982-1988	Clinical teaching of residents in Neurology and Medicine, Montreal Neurological Hospital, McGill University
1982-1988	Clinical teaching of residents in Neurology and Medicine, Royal Victoria Hospital, McGill University
1982-1988	Lectures on language disorders to medical students, medical interns and neurology residents, McGill University
1982-1988	Neurolinguistics and Linguistic Aphasiology, Ph.D Seminar, Linguistics, McGill University
1984-1988	Theories of Aphasia , M.A. Course, Human Communication Disorders, McGill University
1984-1988	Clinical Neurological Problems, MDCM II, McGill University
1984-1988	Neurology Clinical Tutorials, MDCM II, McGill University, 1986-1988
1988-	Behavioural Neurology/Neuropsychology Rounds, MGH; Organizer
1988-	Clinical teaching of residents and students in Neurology and Medicine, Massachusetts General Hospital
1989 MIT	Behavioral Neuroscience, Graduate Seminar, Department of Brain and Cognitive Sciences, MIT
1990-	Aphasia Rounds, Spaulding Rehabilitation Hospital; Organizer
1998	Co-organizer: course on language at Speech and Hearing Sciences, HST, MIT
1998-	Neuroanatomy and Neurophysiology, Communication Disorders, Boston University

Conferences Organized:

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- 1979-1980 Conference leader and participant at Symposium on Neurolinguistics, University of Massachusetts
- 1980- Organizer of Symposia at Academy of Aphasia, European Cognitive Neuropsychology Association
- 1980- Participant in symposia at Academy of Aphasia, Canadian Neurosciences Society, World Federation of Neurology, Cognitive Science Society, Winter Conference on Brain Research, Clinical Aphasiology Conference, and in workshops at Oxford University, Stanford University, University of Padova, John Hopkins University, M.I.T., and other universities
- 1982 Conference leader and participant in Symposium on Biological Perspectives on Language, Universite de Montreal
- 1985 Conference leader and participant in Course on Behavioural Neurology and Neuropsychology, Canadian Neurosciences Society
- 1987 Conference leader and participant in symposium on Language and the Brain, Linguistic Society of America, Summer Institute, Stanford University
- 1988 Conference Organizer, Cognitive Science Society
- 1988- Conference Organizer, Behavioral Neurology/Neuropsychology Rounds, Massachusetts General Hospital
- 1990 Conference Organizer, Cognitive Science Society
- 1990- Conference Director, Neurology Rounds, Speech-Language Pathology Service, Spaulding Rehabilitation Hospital
- 1994 Conference Organizer, Academy of Aphasia, Boston
- 1996 Symposium Organizer, Thirteenth European Conference on Cognitive Neuropsychology, Bressanone, Italy, Jan, 1996.
- 1996 Symposium Organizer, "New Approaches to the Neurobiology of Language" American Association for the Advancement of Science, Baltimore, Feb, 1996
- 2000 Organizer, Symposium in Honor of Vicki Fromkin, Academy of Aphasia, Montreal
- 2002 Co-organizer (with M.Garrett): Language and Brain: Electrophysiology and Imaging Rewrite Aphasia-Based Models, Symposium, AAAS

Workshops

- 1980 Caplan D: Comprehension of Gerunds by Broca's aphasics. Sloan Workshop on Biology and Cognition, Stanford.
- 1980 Caplan D: Cerebral convolutions play no special role in the faculty of language. Sloan Workshop on Neurolinguistics, University of Massachusetts.
- 1981 Caplan D: A restricted lexical hypothesis regarding agrammatism. Neuroscience Research Program, Boston.
- 1981 Caplan D: The new lexicon: Implications for aphasia. Neuroscience Research Program, Boston.
- 1983 Caplan D: Adaptive strategies in agrammatism, Conference on "Dealing with Trouble in Language", Max Planck Institute for Psycholinguistics, Nijmegen, Netherlands.
- Caplan, D.: Workshop on Neurolinguistics and Aphasia, sponsored by the Department of Speech Pathology, University of Denver, Denver, Colorado.
- 1983 Caplan D: Sentence comprehension in aphasia, CNR Conference on the Neuropsychology of Language, Venice.
- 1984 Nespoulous J-L, Joanne Y, Ska B, Caplan D, and Lecours AR: Production deficits in Broca's and conduction aphasia: Repetition vs. reading. Montreal Symposium on Speech Production and Perception Processes in Language Disturbances of Neurological Origin (Aphasia, Dysarthria, Alexia and Agraphia). Montreal.
- 1985 Caplan D: Sentence-internal memory, Conference on Neuropsychology of Cognitive Processes, Venice.
- 1986 Caplan D: A Comparison between Serial Processing Stage and Parallel Distributed Processing Models of Human Information Processing, and their Relevance to Modeling Aphasia, Workshop on Foundations of Cognitive Neuroscience, Johns Hopkins University, Baltimore.

- 1986 Caplan D: On the Choice of Theories of Syntactic Structure: Evidence from Aphasia, Workshop on the Foundations of Cognitive Neuroscience, Johns Hopkins University, Baltimore.
- 1986 Caplan D: Syntactic comprehension disorders in aphasia, World Federation of Neurology Working Group on Aphasia, San Miniato, Italy.
- 1993 Caplan, D.: The Cognitive Neuroscience of Syntactic Processing, MacDonnel-Pew Conference on Cognitive Neuroscience, Squaw Valley.
- 1996- Co-organizer: Harvard CME course on Dementia

Invited Lectures (incomplete)

- 1980 Caplan, D.: Syntactic Comprehension in Agrammatism, M.I.T. Psychology Colloquium.
- 1981 Caplan D: L'Aphasie de Broca, presented at Centre Hospitalier de la Timone, Marseilles; INSERM Unité 84, Lyon; Hôpital Purpan, Toulouse; Université Françoise Rabellais, Tours; CNRS Laboratoire de Psychologie, Paris; Hôpital de la Salpêtrière, Paris.
- 1981 Caplan D: Sur les notions de description et d'explication en neurolinguistique, presented at above institutions.
- 1982 Caplan D: A function-word analysis of agrammatism. University of Pennsylvania Psychology Colloquium.
- 1982 Caplan D: La contribution de Mme. Dejerine à l'aphasie et à la vie médicale, presented at opening of Centre de Recherche T. Alajouanine, Montreal.
- 1985 Caplan D: Disorders of language, Course on Behavioural Neurology and Neuropsychology, Canadian Neurosciences Society, Montreal.
- 1985 Caplan D: Ten Lectures on Neurolinguistics, Psychology Department, University of Padova, Padova, Italy (as Visiting Professor).
- 1986 Caplan D: Three Lectures on Syntactic Comprehension Disturbances, Linguistics Department, University of British Columbia ; Neurology Ground Rounds and Ward Rounds, Neurology Department, U.B.C; Four Lectures on Aphasia and Neurolinguistics, Speech Sciences Department, U.B.C. (as Visiting Professor).
- 1986 Caplan D: On the cerebral localization of language functions, Neurology Department, Università Cattolica del Sacro Cuore, Rome, Italy.
- 1989 Caplan, D.: Testing for Language Deficits, Spaulding Rehabilitation Hospital Annual Meeting.
- 1990 Caplan, D.: Dual Task Performance of Patients with DAT when comprehending sentences, ADRDC, Boston.
- 1990 Caplan, D.: Case Studies and Group Studies in Neuropsychology, Cognitive Science, Princeton University.
- 1991 Caplan, D.: The role of high-level articulatory planing in rehearsal in short-term memory tasks, Psychology Department, Harvard University.
- 1991 Caplan, D.: Telencephalic Organization for language, Cognitive Sciences, Ohio State University.
- 1991 Caplan, D.: Deficits in Syntactic Comprehension, Cognitive Sciences, Northwestern University.
- 1991 Caplan, D.: Acoustic Phonetic Disorders and Lexical Access, Research Lab of Electronics Speech Group, MIT.
- 1991 Caplan, D.: The role of short-term memory in auditory comprehension, Cognitive Sciences, Northeastern University.
- 1992 Caplan, D.: Language Disorders in Alzheimer's Disease, Behavioural Neurology Rounds, Beth Israel Hospital, Boston.
- 1992 Caplan, D.: New Approaches to Language Impairments, Spaulding Rehabilitation Hospital.
- 1992 Caplan, D.: The Psycholinguistic Approach to Aphasia, National Rehabilitation Week Inaugural Lecture, Whittier Rehabilitation Hospital.
- 1992 Caplan, D.: Sentence Comprehension in Alzheimer's Disease, Cognitive Science Colloquium, Brown University.

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- 1992 Caplan, D.: Lectures on Sentence Processing, Sentence Processing Disorders, and the Neural Basis for Sentence Processing, Departments of Psychology and Neurology, Complutense University, Madrid.
- 1993 Caplan, D.: Localization of Syntactic Processing, McDonnell-Pew Lecture, Brain and Cognitive Sciences, M.I.T.
- 1993 Caplan, D.: Lectures on Aphasia and the Neural Basis for Language, Cognitive Science Center, University of Arizona.
- 1993 Caplan, D.: Lectures on Aphasia and the Neural Basis for Language, Department of Neurology, Siena.
- 1994 Caplan, D.: Working Memory and Sentence Comprehension, Cognitive Science, University of Buffalo.
- 1994 Caplan, D.: Functional Neuroanatomy of Syntactic Processing in Sentence Comprehension, Psychology Department, University of Buffalo.
- 1995 Caplan, D.: Functional Neuroanatomy of Sentence Comprehension, F.C. Donders Lectures on Cognitive Neuroscience, Max Planck Institute for Psycholinguistics.
- 1995 Caplan, D.: Sentence Processing Deficits, Invited Address, British Aphasiology Society, York, UK.
- 1996 Caplan, D.: Localization of Syntactic Processing in Sentence Comprehension, Steer Lecture, Purdue University, Communications Department.
- 1997 Caplan, D.: Localization of Syntactic Processing in Sentence Comprehension, Cornell University, Linguistics Department.
- 1997 Caplan, D.: Working Memory and Sentence Comprehension, Cognitive Science, Cornell University.
- 1998 Caplan, D.: Localization of syntactic processing, Distinguished lectur series, MSU
- 1998 Caplan, D and Waters, G: Working Memory and Sentence Comprehension, Five College lecture, Amhearst, MA
- 2000 Caplan, D.: Syntactic Disorders, Language Development and Dysfunction Conference, Lyons, France
- 2000 Caplan, D.: Functional Brain Imaging Studies of Syntactic Processing, Conference on Language, NIDCD, Bethesda, MD
- 2000 Caplan, D.: Syntactic Processing and the Brain, Program of the International Symposium on Linguistics and Interdisciplinary Research, Kanda University of International Studies, Japan
- 2001 Caplan, D.: Functional neuroimaging studies of syntactic processing, Cognitive Neuroscience, Duke
- 2001 Caplan, D.: Working Memory and syntactic processing, Psychology, UNC
- 2002 Caplan, D. Neuroimaging of Syntactic Processing. UNESCO Conference on Cognitive Neuroimaging, Maratea, Italy.
- 2002 Caplan, D. Neuroimaging of Syntactic Processing. Distinguished Lecturer Series, Psychology Department, Northeastern University.
- 2003 Caplan, D. Functional neuroimaging studies of syntactic processing, Cognitive Science Workshop University of California, Davis
- 2003 Caplan, D. Variability in localization of neurovascular responses to syntactic processing, Max Planck Institute for Cognitive Neuroscience Workshop on the Function of Broca's area, Leipzig
- 2004 Caplan, D: Aphasic disorders of syntactic comprehension, Festschrift in honor of Professor John C. Marshall, Somerville College, Oxford
- 2005 Caplan, D: Task and Subject Effects on BOLD signal correlates of syntactic comprehension, Workshop on the role of Broca's area in sentence comprehension, University of Marburg,
- 2005 Caplan, D: fMRI studies of syntactic comprehension, University of Poitiers,
- 2006 Caplan, D. Organizer, Symposium: Models of Cortical Organization for Cognitive Functions, World Federation of Neurology; presented: "Evidence for Multifocal Models and Individual Differences
- 2006 Caplan, D. Functional Neuroimaging of Syntactic Processing, Presented at ISCA Tutorial and Research Workshop on Experimental Linguistics, Athens, Greece
- 2007 Caplan, D. Resource theories of syntactic comprehension disorders, Science of Aphasia, Unesco conference, Monopoli, Italy

Supervision of M.D., M.A., M.Sc., and Ph.D. students

Linguistics

- Baruzzi, A.: Effects of Degree of Literacy on Syntactic Comprehension in Normal and Aphasic Populations, M.A., McGill, 1985.
- Farrell G.: Encoding of Thematic Roles in Sentence Production by Aphasic Patients, M.A., 1985.
- Hildebrandt, N.: A Linguistically Based Parsing Analysis of Aphasics' Comprehension of
- Hagiwara, H.: Sentences Comprehension Disturbances in Japanese Patients, Ph.D., McGill, 1986
- Gendron, J.: Comprehension of Causative Constructions in Aphasia, Ph.D., McGill, 1992
- Canzarella, M.: Study of Prepositions in Aphasia: Experimental Results and their Theoretical and Methodological Implications, M.A., McGill, 1990
- Neuroscience
- Damecour, C.L. : The Incidence of Mood Disorders Following Cerebral Infarction in M.Sc., McGill, 1986
- Aphasics,
- Human Communication Disorders
- Evans, K.: Study of Syntactic Effects upon Discourse Comprehension in Aphasia, M.Sc.,
- Cognitive Science
- Droge, J.: Inferencing Abilities of Brain-Damaged Subjects, M.A., McGill, 1987
- Brain and Cognitive Science
- Poeppel, D.: MEG Studies of Phonological Processing, Ph.D., M.I.T., 1995
- Speech and Hearing Sciences, MIT
- Chen, E.: Ph.D., 2004
- Harvard Medical School
- Malhotra, A: Functional Neuroimaging of Syllogistic Reasoning, 1997-2001
- Committee member on theses at Harvard, Boston University, MIT, McGill, Holy Cross, others
- Supervision of Post-Doctoral and Post-Residency Fellows**
- M. Vanier, Ph.D. (Psychology, Universite de Montreal): M.R.C. Fellowship, Radiological
- C. Futter, Ph.D., (Linguistics, University of Ottawa): S.S.H.R.C. Fellowship, Acquired
- R. Beland, Ph.D. (Linguistics, Universite de Montreal): S.S.H.R.C. Fellowship, Phonological
- H. Chertkow, M.D. (Neurology, McGill): F.R.S.Q. Fellowship, Disorders of Lexical
- Semantics, 1985-1988
- R. Benson, M.D. (Neurology, Boston University): Cognitive Science; MR imaging correlates of word and sentence processing, 1991-1992
- N. Makris, M.D. (Neuropsychiatry, Siena): Cognitive Neuroscience, Localization of lesions in language disorders, 1991-
- PET
- K. Stromswald, M.D., Ph.D. (Brain and Cognitive Science, MIT): Cognitive Neuroscience; imaging correlates of sentence processing, 1991-1992
- D. Gow, Ph.D. (Psychology, Harvard): Cognitive Neuroscience; Disorders of acoustic-phonetic processing and spoken word recognition, 1993-1995
- N. Nagel, Ph.D. (Psychology, University South Florida): On-line studies of syntactic processing in aphasia (1995-97)
- F. Rigalleau, Ph.D. (Psychology, Portiers): Anaphora (1996-1997)
- G. Kuperberg, M.D. (University of London): fMRI studies of sentence processing (1999-2001)
- C. West, Ph. D. (Psychology, Tufts): fMRI studies of word processing (1999-2001)
- G. Jaszewski, Ph.D. (Linguistics, Purdue): fMRI studies of sentence processing (2002-2003)
- C. Doherty (MD: Dublin; Neurology: Harvard). fMRI studies of intonation
- L. Crivelli (MA: Psychology, Buenos Aires) Neuropsychological Measures of Attention (2003-2004)
- D. Costello (Neurology: Harvard). Discussions of reading and dyslexia. (2006)

Bibliography:

Articles

- Caplan, D. (1970): Probe tests and echoic storage effects. Quart Prog Rep, MIT R.L.E..
- Caplan, D. (1970): Psychological reality of the lexicalist hypothesis. Quart Prog Rep, MIT R.L.E.
- Caplan, D. (1972): Clause boundaries and recognition latencies for words in sentences. Perception and Psychophysics; 12 (1-B): 73-76.
- Caplan, D., Kellar, L., and Locke, S. (1972): Inflection of neologisms in aphasia. Brain; 95 (1) : 169-172.
- Caplan, D. (1973): A note on the abstract reading of verbs of perception. Cognition; 2: 269-277.
- Bard, E, Marshall, J.C., and Caplan, D. (1973): Psycholinguistic methodology: A note on some problems which arise in interdisciplinary research. Kritikon Litterarum; 2 (2/3), 264-270.
- Caplan, D., Holmes, J.M., and Marshall, J.C. (1974): Word classes and hemispheric specialization. Neuropsychologia; 12 (3): 331-337.
- Caplan, D., and Marshall JC (1975): Generative grammar and aphasic disorders: A theory of language representation in the human brain (review article). Foundations of Language; 12: 583-596.
- Lecours, A.R., and Caplan D (1975): Blumstein's phonological investigation of aphasic speech. Brain and Language; 2: 237-254.
- Marshall, J.C., Caplan D, and Holmes JM (1975): The measure of laterality. Neuropsychologia; 13 (3): 315-321.
- Caplan D (1975): Review of E.A. Espir: Association and Analogy in Linguistics. Foundations of Language 12: 615-621.
- Arbib, M.A., and Caplan D (1979): Neurolinguistics must be computational. Behaviour and Brain Sciences; 2: 449-783.
- Caplan D (1979): Review of Desmedt Event related potentials: Language and Hemispheric Specialization. Am J Psychiat 136: 873,
- Caplan, D. (1981): On the cerebral localization of linguistic functions: Logical and empirical issues related to the neural basis of language. Brain and Language; 14 (1): 120-137.
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