

DONALD G. MACKAY

WEB SITE: [/www.mackay.bol.ucla.edu/](http://www.mackay.bol.ucla.edu/).

PLACE OF BIRTH: Prince Edward Island, Canada

CITIZENSHIP: American

OFFICE ADDRESS: UCLA, Department of Psychology
Los Angeles, CA 90095-1563
(909) 767-9265
mackay@ucla.edu

CITIZENSHIP: Dual American and Canadian

FAMILY: Dr. Deborah M. Burke (wife)
Dr. Kennen B. MacKay, UCLA PhD (son)

DEGREES AWARDED:

B.A.

Major: Psychology

University of Toronto, Psychology Department, Honors program, 1964.

Undergraduate thesis on comparative psychology.

Thesis advisor: H.E. Bishop.

Ph.D.

Major: Physiological Psychology

Minor: Psycholinguistics

Massachusetts Institute of Technology, 1967.

Thesis advisor: H.L. Teuber, Psychology Department

PRIMARY RESEARCH INTERESTS:

RELATIONS BETWEEN LANGUAGE, MEMORY, EMOTION; COGNITIVE AGING AND NEUROPSYCHOLOGY

Please Visit My Lab: [HTTP://MACKAY.BOL.UCLA.EDU](http://mackay.bol.ucla.edu)

RELATED RESEARCH INTERESTS:

ACTION SYSTEMS: Cognitive Control of Skilled Behavior; Motor Programs; Motor Control; Mental Practice; Sequencing and Timing in Behavior; Relations between Perception and Action

COGNITIVE SCIENCE: Theories of Action; Learning; Comprehension; Memory; Attention; Auditory Imagery.

COMPREHENSION: Comprehension of ambiguity; Relations between comprehension and semantic memory; Connectionist Models of Comprehension; Attention and Awareness.

LEARNING: Cognitive Aspects of Human Learning; Memory and Transfer of Training.

LANGUAGE: Language Production and Perception; Language and Thought; Relations between Language and Memory; the Politics, Sociology, and Psychology of Language Evolution; Skilled bilingualism.

EMOTION: Relations between Emotion, Memory and Attention

NEUROPSYCHOLOGY: Brain and Dysgraphia; Dyslexia; the Hippocampal Syndrome; Stuttering; Apraxia; the Problem of Serial Order in Behavior.

TEACHING EXPERIENCE:

MAJOR UNDERGRADUATE COURSES:

- Cognitive Psychology
- Cognitive Psychology Lab
- Cognitive Aging
- Introductory Psychology
- Language and Communication
- Perception
- Physiological Psychology
- Physiological Psychology Lab
- Psycholinguistics

SEMINARS AND PRO SEMINARS:

- Attention and Expertise
- Cognitive Aging

- Cognitive Psychology
- Language and Emotion
- Language and Imagery
- Language and Thought
- Metaphor and Cognition
- Psycholinguistics
- Psychology of Thought
- The Problem of Serial Order in Behavior
- The Psychology of Skill
- Words and Stereotypes
- Emotion and Cognition

ADMINISTRATIVE EXPERIENCE:

Co-chair, with V. Fromkin, of the program on Brain, Language, and Cognition.

UCLA Psychology Department Committees:

Chair: Cognitive Area, Library Committee, Dept. Colloquium Committee, Undergraduate Affairs Committee, Graduate Admissions Committee, Graduate Affairs Committee, Subject Pool Committee, Teaching Assistant Committee, Graduate Evaluation Committee, Graduate Student Awards Committee, Physiological Area Committee, Cognitive Area Committee, Graduate Studies Committee.

UCLA University-Wide Committees:

Chair: Cognitive Science Colloquium Committee, Committee for the Jacob Marschak Interdisciplinary Colloquia on Mathematics in the Behavioral Sciences; Cognitive Science Institute.

Statewide University Committees

UCLA Representative to the Statewide Assembly

GRANTS:

1971-78: Principal Investigator, NIMH grant 1964, \$235,000 direct costs, on "The Problem of serial order in speech"

1978-80: Principal Investigator for NIMH grant, \$95,000 direct costs, on "Acceptability and creativity in language"

1983-1985: Army Research grant (\$340,000) with M. Friedman and others

1988-1991: Biomedical Research Grant 24739 (\$15,000)

1990-1993: Cognitive Science Research grant (\$10,000)

1991-2003: Principal investigator: NIA Grant R01 AG 09755 (over \$4,780, 600 to date):
"The organization of cognitive processes in old age"

1994-1995: Grant from the Retirement Research Foundation and the UCLA Center on Aging (\$20,000): "The effects of aging on the planning and execution of speech and everyday actions"

1994-1995: NIA Research Supplement for Underrepresented Minorities (\$21,000):
"The organization of cognitive processes in old age"

1994-1995: Grant from the UCLA Office of Instructional Development (\$4,980):
"Computer Assisted Instruction in Cognitive Psychology"

1995-1996: NIA Research Supplement for Underrepresented Minorities (\$30,000):
"The organization of cognitive processes in old age"

2014-present: Unrestricted research fund (\$10,600):

GENERAL PROFESSIONAL EXPERIENCE, ACTIVITIES AND AFFILIATIONS:

1964 (summer): Research statistician in the Psychology Section, Ontario Hydro, Inc. (H. Boyd, Director)

1965-1966: Research Assistant at the Harvard Center for Cognitive Studies

1965-66: Teaching Fellow, M.I.T., Introductory Psychology

1966-67: Teaching Fellow, M.I.T., Psycholinguistics

1967-present: Assistant Professor, Associate Professor, and Professor: UCLA
Department of Psychology

1969-70: Visiting Research Psychologist, Department of Speech and Communication,
Edinburgh University, Scotland

1970-73: Sponsor of Postdoctoral fellow, Dr. George Soderberg

1971 (summer): Summer Linguistics Institute, University of California, Santa Cruz

1971-72: Visiting Research Psychologist, Department of Experimental Psychology,
University of Sussex

1971-72: Sponsor of Fulbright Fellow, Dr. B. Burke

1974-75: Visiting Associate Professor, University of Oregon

1980-84: Editorial Board: Journal of Verbal Learning and Verbal Behavior

1981-present: Associate: Behavioral and Brain Sciences

1981-present: Associate: Cognitive Science Society

1983-present: Associate Research Professor of Psychology, Pomona College

1984-85: Research Fellow, Perception and Action Research Group, Center for Interdisciplinary Research (Z.i.F.), University of Bielefeld, West Germany

1985 (summer): Research Fellow, Max-Planck-Institute for Psycholinguistics, Nijmegen, Holland

1987 (Aug-Dec): Visiting Professor, MRC Applied Psychology Unit, Cambridge, England

1988-89: Consultant: New Sloan Foundation Liberal Arts Clinic, Claremont Colleges

1988-1991: Chair: UCLA Cognitive Science Colloquium Committee

1989-1991: Chair: Cognitive Area, UCLA Department of Psychology

1989-2000: Member: Committee of the Jacob Marschak Interdisciplinary Colloquium on Mathematics in the Behavioral Sciences.

1990-present: Editorial Board: Consciousness and Cognition: An International Journal

1990-1991: Fellow of the University of California Humanities Research Institute (UC Irvine)

1991-93: Sponsor: NSF Fellow: Carol Yin

1991-95: Sponsor: NSF Fellow: Michelle Miller

1992-96: Sponsor: NSF Fellow: Lise Abrams

1994: Chair: UCLA Department of Psychology, Cognitive Area, Graduate Admissions

1995-96: Sponsor: NRSA Fellow: Michelle Miller

1996 (summer): Visiting Research Scholar: The Max-Planck Insitute for Psychological Research, Munich, Germany.

1998-2002: Sponsor: NSF Fellow: Meredith Shafto

1997: Visiting Research Scholar: UC Berkeley

2003: Visiting Research Scholar: Cognition and Brain Unit, Cambridge University, England.

1997-2001: Sponsor: Post-doctoral scholar Dr. Lori James

1999-2000: Sponsor: Post-doctoral scholar Dr. Kay Livesay

2000: Sponsor: Post-doctoral scholar Dr. Sumiko Takayanagi

2001-2003: Sponsor: Post-doctoral scholar Dr. Jennifer Taylor

2000-2002: Member: UC Statewide Academic Senate

2003 (winter-spring) Visiting Fellow at the Cognition and Brain Sciences Unit, Cambridge, England.

2004 (summer) Visiting Fellow at the Cognition and Brain Sciences Unit, Cambridge, England.

2004-present Volunteer: International Place of the Claremont Colleges

2005-present Organizer: God and Science (GAS) Reading Group, Claremont, CA

2005-present Member: The UCLA Linguistics-Psychology Collaboration Committee

2006-present Member: UCLA-FPR Center for Culture, Brain, and Development

2006-present Member: Community Friends of International Students

2013-present: Member: Great Courses Research Advisory Panel

2014-present: Research Professor of Psychology

2014-present: Recall Teaching: UCLA (1.5 courses per year)

SELECTED PROFESSIONAL AFFILIATIONS:
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- American Psychological Association
- American Psychological Society
- Cognitive Science Society
- Linguistic Society of America
- Society for Applied Research in Memory and Cognition

- The Gerontological Society of America
- The Psychonomic Society
 - International Society for the Neurobiology of Language

<p>EDITORIAL AND RELATED EXPERIENCE:</p>

AD HOC REVIEWER FOR:

- American Journal of Psychology
- Brain and Language
- Behavioral and Brain Sciences
- Canadian Journal of Psychology (Revue Canadienne de Psychologie)
- Contemporary Psychology
Cognitive Psychology
- Journal of Experimental Psychology: Human Perception and Performance
- Journal of Experimental Child Psychology
- Journal of Experimental Psychology: General
- Journal of Experimental Psychology: Human Learning and Memory
- Journal of Memory and Language
- Journal of Motor Behavior
- Journal of Phonetics
- Journal of Verbal Learning and Verbal Behavior
- Language and Speech
- Language
- Memory and Cognition
- National Institute of Mental Health
- National Science Foundation
- Neuropsychologica
- Perception and Psychophysics
- Perceptual and Motor Skills
- Psychological Bulletin
- Psychological Reports
- Psychological Review
- Quarterly Journal of Experimental Psychology
- Psychological Bulletin and Review
- Psychology and Aging
- Neuropsychology, Aging and Cognition
- Journal of Cognitive Neuroscience
- Cognitive Neuropsychology
- Science
- Psychological Science
- Journal of Experimental Psychology: Applied
- Cognition
- Neuropsychology
- Cognition and Emotion
- Cerebral Cortex

- Experimental Psychology
- Brain and language
- Journal of Gerontology: Psychological Sciences
- Consciousness and Cognition: An International Journal
- Aging, Neuropsychology and Cognition
- Communication Research

MEMBER OF EDITORIAL BOARDS:

1981 - 1983: Journal of Verbal Learning and Verbal Behavior

1983 - 1984: Journal of memory and Language

1990 - present: Consciousness and Cognition: An International Journal

<p>INVITED ADDRESSES, LECTURES AND MAJOR RESEARCH TALKS:</p>

1966
 Bell Telephone Laboratories - "Types of Ambiguity"
 Harvard Center for Cognitive Studies - "On Comprehension of Ambiguous Sentences"
 November Harvard Center for Cognitive studies - "The Temporal Integration of Behavior"

1967
 February UCLA, Department of Psychology, CA - "Current Research in Psycholinguistics"
 November UCLA, Department of Psychology, CA - "Speech Pathology and the Explanation of Delayed Auditory Feedback Effects"

1968
 January UCLA, Department of Psychology, CA - "Of Age and Experience: Factors in the Control of Speech in Children, Bilinguals and Monoglots"
 July NSF Conference, Arrowhead, CA - "Toward a Model of Speech Production"
 November Acoustical Society of America, Cleveland, OH - "Verbal Transformation Illusion: Satiation or Synthesis?"
 November M.I.T., MA - "Spoonerisms"
 December USC Speech Department, Los Angeles, CA

1969
 February UCLA, Department of Psychology, Psi Chi Lecture, Los Angeles, CA
 February UCLA Conference in Historical Linguistics, Los Angeles, CA
 May UCLA, Department of Psychology Colloquium, Los Angeles, CA
 June UCLA Linguistics Department - "Errors in Speech",

July	Bressanone, Italy: Conference on Recent Advances in Psycholinguistics
July	Edinburgh University: MRC Speech & Communication Unit,
August	MRC Applied Psychology Unit, Cambridge, England
September	Oxford University, Dept. of Experimental Psychology
September	Hospital de St. Ann, Paris, France
November	Keele University: Communication Department
November	University of Sussex: Experimental Psychology Unit
December	Sheffield University: Psychology Department
1970	
January	Experimental Psychology Society Meeting, London, England
April	Stanford University: Department of Psychology, CA
April	University of Oregon: Psychology Department, OR
May	University of Washington: Department of Psychology, WA
November	American Speech and Hearing Association, New York, NY
December	Department of Psychology: University of Toronto, Canada
December	Ebbinghaus Research Group, University of Toronto, Canada
1971	
April	Department of Psychology, York University
November	American Speech and Hearing Association, Chicago, IL
1972	
January	University of Sussex: Department of Experimental Psychology
February	Institute for Perception, Eindhoven, Holland
February	Bristol University
March	London School of Economics and Political Science, Psychology Department,
	Birkbeck College, University of London, Psychology Department
March	Exeter University: Psychology Department
	Cambridge University
	University of Michigan, Conference on the problem of serial order in behavior, MI
1974	
	McGill University, Psychology Department
	Cornell University, Psychology Department, NY
	New York University, Psycholinguistics Circle of New York, NY
	UCLA, Cognitive Caucus, Los Angeles, CA
	UCLA, Linguistics Department, Los Angeles, CA
1975	
	University of Oregon, Psychology Department, OR
	UCLA-UCSD Conference, San Diego, CA
	Psychonomic Society, Denver, CO
1976	
	UCLA Cognitive Caucus, Los Angeles, CA
1977	
	UCLA, Linguistics Department, Los Angeles, CA

- International Congress of Linguistics, Vienna, Austria
 Department of Experimental Psychology, University of Sussex,
 Brighton, England
 Symposium on Segment Organization and the Syllable, University
 of Colorado, Boulder, CO
- 1978** Psychology Department, University of California, Santa Barbara, CA
 Psychology Department, University of Oregon Psychonomic Society, San Antonio, TX
- 1979** Psychology Department, Pomona College, Claremont Colleges, Claremont, CA
 Rand Corporation, Santa Monica, CA
 Psychonomics Society, Phoenix, AZ
 International Conference on the Social Psychology of Language, University of Bristol, England
- 1980** Motor Behavior Laboratory, University of Wisconsin-Madison, WI
 Psychology Department, University of Wisconsin-Milwaukee, WI
 Center for Research in Human Learning, University of Minnesota, MN
 Department of Behavioral Sciences, University of Chicago. IL
 Human Performance Center, University of Michigan. MI
 Psychonomic Society, St. Louis, MO
- 1981** Psychology Department, University of North Carolina, NC
 Psychology Department, Princeton University, NJ
 Psychology Department, M.I.T., MA
 Psychology Department, Carnegie-Mellon University, PA
 Haskin Laboratories, New Haven, Connecticut, CO
 Kinesiology Department, UCLA, CA
 Psychology Department, University of California, San Diego, CA
- 1981** Psychology Department, University of California, Santa Cruz, CA
 Psychology Department, Claremont Graduate School, CA
 Psychonomic Society, Philadelphia, PA
 Invited address to the conference on Language Problems and Public Policy, Cancun, Mexico
- 1982** Invited address to the conference on Memory and Control In Motor Behavior, Louisiana State University, LA
 Cognitive Science Colloquium, University of Texas, Austin, TX
 Psychonomic Society, Minneapolis, MN
 Brain, Language and Cognition Colloquium, UCLA, CA
 Symposium on Language and Gender, Scripps College, CA
- 1983** Five College Colloquium, Claremont Colleges, CA

Psychology Department, UCLA, Colloquium, CA
Southern California Language and Gender Group, CA
Psychology Department, University of California, Riverside, CA
Colloquium, Institute for Interdisciplinary Research, Bielefeld
University, West Germany

- 1984** Colloquium, MRC Applied Psychology Unit, Cambridge, England
Colloquium, University of Bielefeld
Tutorial on Perception and Action, Perception and Action
Research Group, Center for Interdisciplinary Research, University
of Bielefeld
Conference on The Generation and Modulation of Action Patterns,
University of Bielefeld Conference on Action, Attention and
Automotivity, Center for Interdisciplinary Research
- 1985** Colloquium, Psychology Department, Marburg University
Conference on Common Processes in Speech Perception and
Production, University of Bielefeld
Colloquium, Psychology Department, Saarbruecken University
Psychonomic Society, Boston, MA
- 1986** Colloquium, Max-Planck-Institute for Psycholinguistics,
Nijmegen, Holland.
Conference discussant: Center for Interdisciplinary Research,
Bielefeld, FRG.
Research Talk, Center for Interdisciplinary Research, Bielefeld,
FRG.
Psychonomic Society, New Orleans, LA
- 1987** Colloquium, Applied Psychology Unit, Cambridge, England
Seminar, Cambridge University, Psychology Department, MA
Theoretical Psychology Group, Applied Psychology Unit,
Cambridge, MA
- 1988** Cognitive Forum, UCLA, CA
Cognitive Science seminar: UCLA Computer Science Dept., CA
Psychonomic Society, Chicago, IL
- 1989** Psychology Department, Claremont Graduate School, CA
Cognitive Forum, UCLA, CA
Psychonomic Society, Atlanta, GA
- 1990** Cognitive Forum, UCLA, CA
Psychonomic Society, New Orleans, LA
UC Santa Barbara Cognitive Science Colloquium, CA

Canadian Society for Psychomotor Learning and Sport
Psychology: Opening speech: Oct. 18-21 1990, Canada
Cognitive Aging Conference, Atlanta, GA

- 1991** Psychonomic Society, San Francisco, CA
Cognitive Forum, UCLA, CA
University of California Humanities Research Institute (UCHRI):
UC Irvine
International Conference on Memory: Lancaster University,
England
- 1992** Psychology Dept., University of Oregon, Eugene. OR
Linguistics Dept., UCLA, CA
Psychology Dept., University of California, Berkeley, CA
Psychonomic Society, Saint Louis, MO
Cognitive Forum, UCLA, CA
Cognitive Aging Conference, Atlanta, GA
- 1993** Psychonomic Society, Washington, D.C.
Cognitive Forum, UCLA, CA
- 1994** Psychonomic Society, Saint Louis, MO
Cognitive Forum, UCLA, CA
Cognitive Aging Conference, Atlanta, GA
Third Practical Aspects of Memory Conference, College Park, MD
- 1995** Psychonomic Society, Los Angeles, CA
UC Riverside, Psychology Dept.
- 1996** Psychonomic Society, Chicago, IL
Cognitive Aging Conference, Atlanta, GA
- 1997** Psychonomic Society, Philadelphia, PA
Claremont Graduate University
UC Davis, Martinez VA Hospital
UC Davis, Center for Neuroscience
UC Berkeley, Psychology Dept.
Stanford University, Psychology Dept.
- 1998** Psychonomic Society, Dallas, TX
Center for Interdisciplinary Research (ZiF), Kiel, Germany
Psychology Dept., University of Potsdam, Germany
Max Planck Institute for Psychological Research, Munich,
Germany

Cognitive Aging Conference, Atlanta, GA
Dept. of Physiological Psychology, University of Granada, Spain
Dept. of Psychology, University of Florida, Gainesville, FL
Cognitive Neuroscience Society, San Francisco

1999

Psychonomic Society, LA, CA
Speech Production Conference, University of Southern California
Dept. of Physiological Psychology, University of Granada, Spain
Dept. of Psychology, Sussex University, Falmer, England
Cognition and Brain Sciences Unit, Cambridge, England

2000

Dept. of Psychology, Ohio State University
Cognitive Aging Conference, Atlanta, GA
Cognitive Neuroscience Society, San Francisco
Psychonomic Society, New Orleans, LA
Summer Institute on Memory and Language, Universities of
Geneva, Zurich, and Bern, Switzerland

2001

UC Berkeley
International Conference on Memory, Valencia, Spain
Psychonomic Society, Orlando, Florida

2002

Psychonomic Society, Saint Louis, Kansas

2003

University of Santiago, Spain, Dept. of Experimental Psychology
Oxford University, Dept. of Experimental Psychology
Chaucer Club, Cognition and Brain Unit, Cambridge University,
England
Emotion Group, Cognition and Brain Unit, Cambridge University,
England
Psychology Department, Claremont Graduate University,
Cognitive Forum, University of California, Los Angeles
Psychonomic Society, Vancouver, British Columbia

2004

Department of Psychology, University of California Riverside
Exptl. Psychopathology/Emotion/Motivation Journal Club, UCLA
Psychonomic Society, Minneapolis, Minnesota.

2005

Department of Linguistics and Cognitive Science, Pomona College
Cognitive Lunch, Claremont Graduate University
Cognitive Forum, University of California, Los Angeles
Psychonomic Society, Toronto, Ontario, Canada

2006

UCLA Department of Linguistics
Cognitive Aging Conference, Atlanta, GA
Western Psychological Association, Los Angeles
American Psychological Society, New York, NY
Psychonomic Society, Houston, Texas

2007

Psychonomic Society, Long Beach, CA
Department of Linguistics and Cognitive Science, Pomona College

2008

Psychonomic Society, Chicago, Illinois
Cognitive Forum, UCLA

2009

Cognitive Aging Conference, Toronto, Canada
American Psychological Society, San Francisco, CA
Exptl. Psychopathology/Emotion/Motivation Journal Club, UCLA
(with Dr. Lori James)
Thirty-Fourth Annual Interdisciplinary Conference
Jackson, WY (accepted invitation)

2010

Cognitive Forum, UCLA
Thirty-Fifth Annual Interdisciplinary Conference, Jackson, WY
International Conference on Perception and Action. Center for
Interdisciplinary Research (ZiF), Bielefeld, Germany (accepted
invitation)
Psychonomic Society, St. Louis, Missouri

2011

Southern California Cognitive Neuroscience Meeting, Irvine, CA.
(with Laura Johnson)
Psychology Department, Claremont Graduate University

2012

Psychonomic Society, Minneapolis, Minnesota
Mind Lecture (invited colloquium), Psychology Dept., Kansas
University, Lawrence, Kansas

2013

Mind Lecture (colloquium series), Psychology Dept., Kansas
University, Lawrence, Kansas
International Society for the Neurobiology of Language, San
Diego, CA
Psychonomic Society, Toronto, Canada

- 2014** Thirteenth Annual Summer Interdisciplinary Conference, Moab, Utah
Mind Lecture (colloquium series), Psychology Dept., Kansas University, Lawrence, Kansas
Psychonomic Society, Long Beach, CA
- 2016** Psychonomic Society, Boston Mass

<p>COMMUNITY SERVICE: National and International</p>

MAGICAL MOVES, a piece of musical theater for teaching kids how to understand and enjoy playing Chess960, a new and more creative form of chess invented by Bobby Fischer. It is available to watch at: www.youtube.com/watch?v=kJDuxbw2kXY

**BIBLIOGRAPHY OF: DONALD G. MACKAY
UCLA DEPARTMENT OF PSYCHOLOGY**

A. Published Work

- | | | |
|---|---|------------------|
| 1 | MacKay, D.G. (1966). To end ambiguous sentences. <u>Perception and Psychophysics</u> , <u>1</u> , 426-436. (11 pages). | RESEARCH ARTICLE |
| 2 | MacKay, D.G., & Bever, T.G. (1967). In search of ambiguity. <u>Perception and Psychophysics</u> , <u>2</u> , 193-200. (8 pages). | RESEARCH ARTICLE |
| 3 | MacKay, D.G. (1968). Metamorphosis of a critical interval: Age-linked changes in the delay in auditory feedback producing maximal interference with speech. <u>Journal of the Acoustical Society of America</u> , <u>43</u> (4), 811-821. (11 pages). | RESEARCH ARTICLE |
| 4 | MacKay, D.G. (1968). Phonetic factors in the perception and recall of spelling errors. <u>Neuropsychologia</u> , <u>6</u> , 321-325. (5 pages) | RESEARCH ARTICLE |
| 5 | MacKay, D.G., & Bowman, R. (1969). On producing the meaning in sentences. <u>American Journal of Psychology</u> , <u>82</u> (1), 23-39. (17 pages) | RESEARCH ARTICLE |

- 6 MacKay, D.G. (1969). The repeated letter effect in the misspellings of normals and dysgraphics. Perception and Psychophysics, 5(2), 102-106. (5 pages) RESEARCH ARTICLE
- 7 MacKay, D.G. (1969). Effects of ambiguity on stuttering: Towards a model of speech production at the semantic level. Kybernetik, 5, 195-208. (14 pages) RESEARCH ARTICLE
- 8 MacKay, D.G. (1969). To speak with an accent: Effects of nasal distortion on stuttering under delayed auditory feed- back. Perception and Psychophysics, 5(3) 183-188. (6 pages) RESEARCH ARTICLE
- 9 MacKay, D.G. (1969). Forward and backward masking in speech production. Kybernetik, 6, 57-64. (8 pages) RESEARCH ARTICLE
- 10 MacKay, D.G. (1970). Mental Diplopia: Towards a model of speech perception at the semantic level. In G.B. Flores d'Arcais and W.J.M. Levelt (Eds.) Recent Advances in Psycholinguistics, (pp.76-100). Amsterdam: North-Holland Publishing. (25 pages). CHAPTER IN EDITED BOOK
- 11 MacKay, D.G. (1970). How does language familiarity influence stuttering under delayed auditory feedback? Perceptual and Motor Skills, 30, 655-660. (6 pages) RESEARCH ARTICLE
- 12 MacKay, D.G. (1970). Phoneme repetition in the structure of languages. Language and Speech, 13(3) 199-213. (15 pages) RESEARCH ARTICLE
- 13 MacKay, D.G. (1970). Spoonerisms: The structure of errors in the serial order of speech. Neuropsychologia, 8, 323-350. (28 pages) RESEARCH ARTICLE
- 14 MacKay, D.G. (1970). Spoonerisms of children. Neuropsychologia, 8, 350-358. (9 pages) RESEARCH ARTICLE
- 15 MacKay, D.G. (1970). Context dependent stuttering. Kybernetik, 7, 1-9. (9 pages) RESEARCH ARTICLE
- 16 MacKay, D.G., & Soderberg, G.A. (1970). Errors in patterns of finger movements rapidly produced by stutterers and non-stutterers. Journal of the American Speech and Hearing Association, 12(9), 427. (1 page) RESEARCH ARTICLE

- 17 MacKay, D.G. (1971). Stress pre-entry in motor systems. American Journal of Psychology, 84(1), 35-51. (17 pages) RESEARCH ARTICLE
- 18 MacKay, D.G., & Soderberg, G.A. (1971). Homologous intrusions: Analogue of linguistic blends. Perceptual and Motor Skills, 32, 645-646. (2 pages) RESEARCH ARTICLE
- 19 Soderberg, G.A., & MacKay, D.G. (1972). The function relating stuttering to phoneme frequency and transition probability. Journal of Verbal Learning and Verbal Behavior, 11(1), 83-91. (9 pages) RESEARCH ARTICLE
- 20 MacKay, D.G. (1972). Input testing in the detection of misspellings. American Journal of Psychology, 85, 121-128. (8 pages) RESEARCH ARTICLE
- 21 MacKay, D.G. (1972). The structure of words and syllables: Evidence from errors in speech. Cognitive Psychology, 3, 210-227. (18 pages) RESEARCH ARTICLE
- 22 MacKay, D.G. (1973). Aspects of the theory of comprehension, memory and attention. Quarterly Journal of Experimental Psychology, 25, 22-40. (19 pages) RESEARCH ARTICLE
- 23 MacKay, D.G. (1973). Complexity in output systems: Evidence from behavioral hybrids. American Journal of Psychology, 86, 785-806. (22 pages) RESEARCH ARTICLE
- 24 MacKay, D.G. (1974). Aspects of the syntax of behavior: syllable structure and speech rate. Quarterly Journal of Experimental Psychology, 26, 642-657.(16 pages) RESEARCH ARTICLE
- 25 Olson, J.N., & MacKay, D.G. (1974). Completion and verification of ambiguous sentences. Journal of Verbal Learning and Verbal Behavior, 13, 457-470. (14 pages) RESEARCH ARTICLE
- 26 Baars, B.J., Motley, M.Y., & MacKay, D.G. (1975). Output editing for lexical status in artificially elicited slips of the tongue. Journal of Verbal Learning and Verbal Behavior, 14, 382-391. (10 pages) RESEARCH ARTICLE
- 27 MacKay, D.G. (1976). On the retrieval and lexical structure of verbs. Journal of Verbal Learning Behavior, 15, 169-182. (14 pages) RESEARCH ARTICLE

- 28 MacKay, D.G. (1976). Serial order revisited: A reply to R.D. Kent. Quarterly Journal of Experimental Psychology, 1976, 28. (1 page) ESSAY REVIEW
- 29 Baars, B.J., & MacKay, D.G. (1978). Experimentally eliciting phonetic and sentential speech errors: Methods, implications, and work in progress. Language in Society, 7, 105-109. (5 pages) REVIEW ARTICLE
- 30 MacKay, D.G. (1978). Derivational rules and the internal lexicon. Journal of Verbal Learning and Verbal Behavior, 17, 61-71. (11 pages) RESEARCH ARTICLE
- 31 MacKay, D.G. (1978). Speech errors inside the syllable. In A. Bell and J. Hooper (Eds.), Syllables and segments (pp.201-212). New York: North Holland, (12 pages) CHAPTER IN EDITED BOOK
- 32 MacKay, D.G. (1979). Lexical insertion, inflection and derivation: Creative processes in word production. Journal of Psycholinguistic Research, 8(5), 477-498. (22 pages) RESEARCH ARTICLE
- 33 MacKay, D.G. (1979). Review of Psycholinguistics: An introduction to the psychology of language, by Donald J. Foss and David T. Hakes. Language, 55(2), 491-492. (2 pages) BOOK REVIEW
- 34 MacKay, D.G., & Fulkerson, D.C. (1979). On the comprehension and production of pronouns. Journal of Verbal Learning and Verbal Behavior, 18, 661-673. (13 pages) RESEARCH ARTICLE
- 35 MacKay, D.G. (1980). Speech errors: Retrospect and prospect. In V. Fromkin (Ed.), Errors of Linguistic Performance: Slips of the Tongue, Ear, Pen and Hand. (pp.319-332). New York: Academic Press, (14 pages) CHAPTER REVIEW
- 36 MacKay, D.G. (1980). Psychology, prescriptive grammar and the pronoun problem. American Psychologist, 35(5), 444-449. (6 pages) RESEARCH ARTICLE
- 37 MacKay, D.G. (1980). On the goals, principles and procedures for prescriptive grammar. Language in Society, 9, 349-367. (19 pages) RESEARCH ARTICLE

- 38 MacKay, D.G. (1980). Language, thought and social attitudes. In H. Giles (Ed.), Language: Social Psychological Perspectives. (pp.89-96). New York: Pergamon Press. (8 pages) CHAPTER IN EDITED BOOK
- 39 MacKay, D.G. & Konishi, T. (1980). Personification and the pronoun problem. Women's Studies International Quarterly, 3(2/3), 149-164. (16 pages) RESEARCH ARTICLE
- 40 MacKay, D.G. & Konishi, T. (1980). Review of Metaphor and thought by Andrew Ortony (Ed.). Language, 56(4), 916-917. (2 pages) BOOK REVIEW
- 41 MacKay, D.G., & Dwyer, J. (1981). Review of Psycholinguistic Research: Implications and applications, by Doris Aaronson and Robert W. Rieber (Eds.). Language, 57(1), 150-1. (2 pages) BOOK REVIEW
- 42 MacKay, D.G., & Konishi, T. (1981). Review of Perspectives in Experimental Linguistics, by Gary D. Prideaux (Ed.). Language, 57(3), 751-753. (3 pages) BOOK REVIEW
- 43 MacKay, D.G. (1981). Behavioral plasticity and the motor program. Behavioral and Brain Sciences, 4(4), 630-631. (2 pages) PEER COMMENTARY
- 44 MacKay, D.G. (1981). The problem of rehearsal or mental practice. Journal of Motor Behavior, 13(4), 274-285. (12 pages) RESEARCH ARTICLE
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UNPUBLISHED ARTICLES

1	MacKay, D.G., & Soderberg, G.A. <u>Stuttering in rapidly produced patterns of finger movement.</u>	RESEARCH ARTICLE
2	MacKay, D.G., & Olson, J. <u>Semantic similarity and complexity in output processes.</u>	RESEARCH ARTICLE
3	MacKay, D.G. <u>Hierarchic specification of words: Evidence from paradigmatic speech errors.</u>	RESEARCH ARTICLE

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C. WORK IN PROGRESS

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67	See publication A95	RESEARCH ARTICLE
68	See publication A99	BOOK CHAPTER
69	MacKay, D.G., Abrams, L., & Miller, M.D. (under review). Beyond capacity: A theoretical and empirical analysis of chunk capacity theories.	RESEARCH ARTICLE
70	See publication A100	RESEARCH ARTICLE
71	See publication A98	RESEARCH ARTICLE
72	See publication A96	RESEARCH ARTICLE
73	See publication A97	RESEARCH ARTICLE
74	See publication A95	THEORETICAL REVIEW ARTICLE
75	See publication A96	RESEARCH ARTICLE
76	See Publication 105	THEORETICAL REVIEW ARTICLE
77	See Publication 103	PEER REVIEW
78	See Publication 104	RESEARCH ARTICLE
79	See Publication 105	RESEARCH ARTICLE
80	See Publication 113	RESEARCH ARTICLE

81	See Publication 108	RESEARCH ARTICLE
82	See Publication 116	RESEARCH ARTICLE
83	See Publication 110.	RESEARCH ARTICLE
84	See Publication 126	RESEARCH ARTICLE
85	Michelle D. Miller & Donald G. MacKay (2001). How aging affects higher-level language comprehension: Phrase-level familiarity and recency effects in processing computer-compressed sentences. Under revision for <i>Aging, Neuropsychology, and Cognition</i> .	RESEARCH ARTICLE
86	See Publication 111	ESSAY REVIEW
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88	See Publication 107	RESEARCH COMMENTARY
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90	MacKay, D.G., and Hadley, C.H. (2003). Theories and epistemologies in cognitive aging research: A case study in paradoxical popularity. Manuscript under review.	THEORETICAL REVIEW
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94	See Publication 115	RESEARCH ARTICLE
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96	Donald G. MacKay, Christopher B. Hadley, and Lise Abrams (2005). Beyond Soup Stones: Simulation and Tests of Age-linked Resource-capacity Theories. Manuscript under review.	RESEARCH ARTICLE
97	See publication 122	RESEARCH AND REVIEW ARTICLE
98	See publication 117	RESEARCH ARTICLE
99	See publication 119.	RESEARCH ARTICLE
100	See publication 116.	RESEARCH ARTICLE

101	See C97	RESEARCH AND REVIEW ARTICLE
102	See publication 123.	RESEARCH ARTICLE
103	See publication 120.	RESEARCH ARTICLE
103	See publication 121.	LETTER TO THE EDITOR
	SINCE PREVIOUS REVIEW	
104	See publication 124	REAEARCH ARTICLE
105	See publication 127	ENCYCLOPEDIA ENTRY
106	See publication 128	ENCYCLOPEDIA ENTRY
107	See publication 129	ENCYCLOPEDIA ENTRY
108	MacKay, D.G., Hadley, C. & James, L. (under review). How amnesic H.M. reads words and sentences: Data and theories. Ms.	RESEARCH ARTICLE
109	Johnson, L.W. & MacKay, D.G. (under review). The refresh task revisited: Age-linked interactions call for a new interpretation.	RESEARCH ARTICLE
110	See publication 130	RESEARCH ARTICLE
111	See publication 126	RESEARCH ARTICLE
112	See publication 125.	RESEARCH ARTICLE
113	See publication 131.	RESEARCH ARTICLE
114	See publication 132	RESEARCH ARTICLE
115	See publication 133	RESEARCH ARTICLE
116	See publication 134	REVIEW ARTICLE
117	See publication 138	RESEARCH ARTICLE
118	See publication 135	GENERAL AUDIENCE
119	MacKay, D.G. (in preparation). <i>When Memory Fails: Revolutionary Insights into Memory, Aging, Mind and Brain from a Famous Amnesic.</i>	REVIEW ARTICLE GENERAL AUDIENCE BOOK

- 120 MacKay, D.G. & Johnson, L. W. (in preparation). Establishing distinct systems in the brain: Evidence from the structure of phoneme and distinctive feature repetition. RESEARCH ARTICLE
- 121 MacKay, D.G. & Johnson, L. W. (in preparation). H.M and “motor learning” revisited. RESEARCH ARTICLE
- 122 See Publication 139 REVIEW AND RESEARCH ARTICLE
- 123 Johnson, L.W. & MacKay, D.G. (under review). Learning, Repetition and the Brain: Unified Binding Theory RESEARCH ARTICLE
- 124 MacKay, D.G. (under review). Present at the Creation. Chapter 1 in *When Memory Fails: What You Can Learn about Aging, Memory, Mind, and Brain from Studies of a Famous Amnesic*. BOOK CHAPTER
- 125 MacKay, D.G. (under review). Mending Broken Memories. Chapter 2 in *When Memory Fails: What You Can Learn about Aging, Memory, Mind, and Brain from Studies of a Famous Amnesic*. BOOK CHAPTER
- 126 MacKay, D.G. (under review). Silver Linings: Silver Linings: Creativity in Old Age. Chapter 3 in *When Memory Fails: What You Can Learn about Aging, Memory, Mind, and Brain from Studies of a Famous Amnesic*. BOOK CHAPTER
- 127 MacKay, D.G. (2014). Reply to the Commentary of Jill O. Goodwin, Alpine, Texas on *The Engine of Memory*. *Scientific American Mind*, 27(4), 6. (1 page) RESEARCH COMMENTARY
- 128 MacKay, D.G. (2014). Reply to the Commentary of Yuan Chang on *The Engine of Memory*. *Scientific American Mind*, 27(4), 4-5. (2 pages) RESEARCH COMMENTARY
- 129 MacKay, D.G. (2015). Der Wort-Restauratur. *Geist und Gehirn*, January, 20-28. TRANSLATION
- 130 See publication 138 RESEARCH ARTICLE
- 131 Laura W. Johnson & Donald G. MacKay (in press, 2018) Relations between emotion, memory encoding, and time perception. *Cognition and Emotion*:1-12. <https://doi.org/10.1080/02699931.2018.1435506>

D. BOOKS

- | | | |
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| 1 | Allport, A., MacKay, D.G., Prinz, W., & Scheerer, E. (Eds.) (1987). <u>Language perception and production: Shared mechanisms in listening, speaking, reading and writing</u> . (pp. 1-528). London: Academic Press. (528 pages). | EDITED BOOK |
| 2 | MacKay, D.G.(1987). <u>The organization of perception and action: A theory for language and other cognitive skills</u> . (pp. i-xxvii, 1-233.) New York: Springer-Verlag. (see Table of Contents and Chapter Summaries). (255 pages). | BOOK |

E. REPRINTED PAPERS

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|---|---|---------------------|
| 1 | MacKay, D.G. (1973). Spoonerisms: The structure of errors in the serial order of speech. Reprinted in V. Fromkin (Ed.), <u>Speech Errors</u> . Amsterdam: Mouton Press. See publication A13. | RESEARCH ARTICLE |
| 2 | MacKay, D.G., & Bowman, R. (1971). On producing the meaning in sentences. Reprinted in L. Marlowe (Ed.), <u>Psychology: An interdisciplinary approach to behavior</u> . Boston: Holbrook Press. See publication A4. | RESEARCH ARTICLE |
| 3 | MacKay, D.G., & Konishi, T. (1980). Personification and the pronoun problem. In C. Kramarae (Ed.), <u>The voices and words of women and men</u> . London: Pergamon Press. | RESEARCH ARTICLE |
| 4 | MacKay, D.G. The problem of flexibility, fluency and speed-accuracy trade-off in skilled behavior. In B. Minchev (Ed.), <u>Contemporary conceptions of skill</u> . Sophia, Bulgaria: University of Sophia Press. Reprinted in <u>Psychological Review</u> , 89(5), 483-506. | THEORETICAL ARTICLE |

F. MENTORED STUDENTS AND POSTDOCTORAL FELLOWS

Mentored Students	Previous Status	Current Status
Dr. Lise Abrams	Graduate Student	Tenured Professor, and Chair of the Linguistics and Cognitive Science Department, Pomona College, Claremont, CA
Dr. Michelle Miller	Graduate Student	Tenured Professor, University

		of Northern Arizona
Dr. Toshi Konishi	Graduate Student	Professor, Cal State University, Fullerton
Dr. Maryellen C. MacDonald	Graduate Student	Professor, University of Southern California
Dr. Bernie Baars	Graduate Student	Professor, Wright Institute, Berkeley
Dr. Jim Olson	Graduate Student	Professor, University of Texas
Dr. Gabriella Wulf	Graduate Student	Researcher, Max Planck Institute for psychological Research, Munich

Dr. Kita Shantiris	Graduate student	Independent clinical practice
Dr. Larry Adams	Graduate student	Coordinator: Data Services Center, Willmington, Delaware
Julie Meister	Graduate Student	Law School
Alicia Chang	Graduate student	
Kristin Janschewitz	Graduate student	
Rick Laughlin	Co-mentored Graduate student	UCLA Psychology Dept
Dr. Chris Hadley	Graduate student	PhD; major software company, Stanford, CA
Dr. Nathalie James	Graduate student (Co-mentored with Dr. Cheng)	PhD, 2008
Jason Ludington	Graduate student (Co-mentored with Dr. Greenfield)	PhD 2013
Laura Johnson	Graduate student	Current student
Jennifer R. Dyer	Undergraduate	Graduate School, U. of Michigan; Professor, UC Santa Cruz
Kent Bullard	Undergraduate	Law School
Sara Schuster	Undergraduate	Graduate School, USC
M.J. Pedroza, MHS	Undergraduate/ Graduate	Project Manager Strategic Initiatives Research Administration Kaiser Medical Center Pasadena
Wingyun Mak	Undergraduate	Graduate School, Washington U (St. Louis);
Dr. Marat Ahmetzanov	Undergraduate	PhD, USC, Clinical practice
Joel Schwartz	Undergraduate	Graduate School, clinical program
Kristin Herzberg	Undergraduate	Graduate School, SUNY, Albany
Dr. Diane Marion	Undergraduate	PhD, UC Berkeley
Rick Laughlin	Undergraduate	Graduate School, UCLA
Charlotte Nolan	Undergraduate	Graduate School, UCSC

Mentored Postdoctoral Fellows	Current Status
Dr. George Soderberg	Private practice
Dr. Lori James	Professor, Psychology Dept., University of Colorado

Dr. Kay Livesay	Professor, Psychology Dept., University of San Francisco
Dr. Sumiko Takayanagi	Research fellow, House Ear Institute
Dr. Jennifer Taylor	UCLA Psychology Dept.
Dr. Lise Abrams	Professor, University of Florida, Gainesville
Dr. Christine Rho	Washington, DC
Dr. Meredith Shafto	Cambridge University Psychology Dept.

LINKS TO TYPICAL PEER-REVIEWED ARTICLES:

- 1). <https://www.intechopen.com/chapters/87198>
 Donald G. MacKay (2023). Beyond memory in H.M., the world’s most famous “hippocampal amnesic.” In Douglas D. Burman (ed) Hippocampus - More than Just Memory [Working Title]
<https://www.intechopen.com/online-first/87198>

- 2). MacKay, D.G., Stewart, R., & Burke, D.M. (1998). H.M. revisited: Relations between language comprehension, memory, and the hippocampal system. *Journal of Cognitive Neuroscience*, 10, 377-394.

- 3). MacKay, D.G., Burke, D.M., & Stewart, R. (1998). H.M.’s Language production deficits: Implications for relations between memory, semantic binding, and the hippocampal system. *Journal of Memory and Language*, 38, 28-69.

Available in mackay.bol.ucla.edu/publications.html