

*Curriculum Vitae*  
**Donald J. Foss**

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Department of Psychology and Hobby School of Public Affairs, University of Houston,  
Houston, TX 77204-5022  
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**EDUCATION**

B.A., University of Minnesota  
(Major: Psychology; Minor: Mathematics)  
Ph.D., University of Minnesota (Experimental Psychology)  
Post-doctoral Fellow, Harvard University (Center for Cognitive Studies)

**POSITIONS HELD**

2005 – 2008: Senior Vice Chancellor for Academic Affairs, University of Houston  
System  
Senior Vice President for Academic Affairs and Provost, Univ. of Houston  
2005 – Professor of Psychology, University of Houston  
2020 – Professor, Hobby School of Public Affairs, University of Houston  
1995 – 2005: Dean, College of Arts and Sciences; Professor of Psychology  
Florida State University  
1983 - 1995: Chair and Professor, Department of Psychology  
The University of Texas at Austin  
1969 - 1995: Assistant to Associate to Full Professor, Department of Psychology  
The University of Texas at Austin

**PROFESSIONAL AND LEARNED SOCIETIES**

Phi Beta Kappa, Phi Kappa Phi, American Psychological Association (Fellow, numerous  
divisions), Association for Psychological Science (Fellow), Psychonomic Society  
(Fellow), American Association for the Advancement of Science (Fellow).

**MEMBER** (selected):

Chancellors Council, University of Texas  
Presidents Club, University of Minnesota  
Presidents Club, Florida State University

**LISTED IN:**

Who's Who in America, 1986 and subsequent volumes  
American Men and Women in Science

**CONSULTING POSITIONS** (Selected)

Microelectronics and Computer Corporation (MCC)  
IBM; Dell Computer; Psychonomic Society  
Baker & Botts, etc.

## COMMITTEE AND CONSULTATIVE ASSIGNMENTS (Selected)

Air Force Office of Scientific Research, Committee on Cognition, 1989 - 1993.  
 Andrew Mellon Foundation, Advisory Council on Literacy, 1989 - 1992.  
 Hogg Foundation Advisory Council, 1987 - 1990  
 Co-Chair, Behavioral Sciences Summit Task Force on the Human Capital Initiative, 1990 - 1992.  
 Publications and Communications Board, American Psychological Association, 1985 – 1993; Board Chair, 1991 - 1993.  
 Council of Editors, American Psychological Association 1979-85.  
 Chair 1983 - 1985.  
 Founding Chair, Arts & Sciences Leadership Council (FSU) 1996 – 2005  
 ACC Representative, National Football League Cm'tee on graduation success, 1997-98.  
 Executive Committee, APA Division of Experimental Psychology, 1997 - 2001  
 University Corporation for Atmospheric Research, 1995 - 2010  
 Florida State University Research Foundation, Board member 1995 – 2005  
 Texas Higher Education Coordinating Board, Committee on Formula Funding 2005 – 2008.  
 Strategic Planning Commission, Psychonomic Society, 2011 – 2012.  
 Board member: Federation of Associations in Behavioral & Brain Sciences (FABBS), 2012 – 2020; Vice-President, 2016 - 2018 Chair, Investment Committee 2018 - 2020  
 Advisory Board, Hobby Center for Public Policy, University of Houston, 2014 - 2018  
 Advisory Board on Psychonomic Society Publication Program, 2018 – 2020.

## EDITORIAL POSITIONS

Associate Editor, *Annual Review of Psychology*, 1994 - 1999  
 Editor: *Contemporary Psychology*, 1980 - 1985.  
 Associate Editor: *American Psychologist* 1987 - 90  
 Associate Editor: *Contemporary Psychology*, 1973 - 79.  
 Consulting Editor: *Journal of Verbal Learning and Verbal Behavior*, 1972 - 1980.  
*Journal of Experimental Psychology: Human Learning and Memory*,  
*Memory & Cognition*, 1972 - 1977.  
*Psychonomic Science*, 1970 - 1972.

## AWARDS (selected)

Outstanding Achievement Award, The University of Minnesota, 1993  
 Outstanding Graduate Teaching Award, The University of Texas at Austin, 1986

## PUBLICATIONS

### Books

Sternberg, R. J., Fiske, S. T., & Foss, D. J. (Eds.). (2016). *Scientists Making a Difference: One Hundred Eminent Behavioral and Brain Scientists Talk about Their Most Important Contributions*. New York: Cambridge University Press.

- Foss, D. J. (2013). *Your Complete Guide to College Success: How to Study Smart, Achieve Your Goals, and Enjoy Campus Life*. Washington, D.C.: APA Books.
- Spence, J. T., Darley, J., & Foss, D. J. (Eds.). (1999) *Annual Review of Psychology*. (Vol. 50). Palo Alto, CA: Annual Reviews, Inc.
- Spence, J. T., Darley, J., & Foss, D. J. (Eds.). (1998) *Annual Review of Psychology*. (Vol. 49). Palo Alto, CA: Annual Reviews, Inc.
- Spence, J. T., Darley, J., & Foss, D. J. (Eds.). (1997) *Annual Review of Psychology*. (Vol. 48). Palo Alto, CA: Annual Reviews, Inc.
- Spence, J. T., Darley, J., & Foss, D. J. (Eds.). (1996) *Annual Review of Psychology*. (Vol. 47). Palo Alto, CA: Annual Reviews, Inc.
- Spence, J. T., Darley, J., & Foss, D. J. (Eds.). (1995) *Annual Review of Psychology*. (Vol. 46). Palo Alto, CA: Annual Reviews, Inc.
- Bonjean, C., & Foss, D. J. (Eds.). (1990) *Mental Health Research in Texas: Retrospect and Prospect*. Austin, Tx: Hogg Foundation Press.
- Foss, D. J. & Hakes, D. T. (1978) *Psycholinguistics: An introduction to the psychology of language*. Englewood Cliffs, N.J.: Prentice-Hall.

### **Book Chapters**

- Foss, D. J. (2020) Self-help can be no help at all: Some unambiguous advice. In R. J. Sternberg (Ed.), *My biggest research mistake: What I learned from it and what you could learn from it too*. Thousand Oaks, CA: Sage Publications
- Foss, D. J. (2015) Leadership Advice: Enlarging the Coin of the Realm. In R. J. Sternberg, E. Davis, A. C. Mason, R. V. Smith, J. S. Vitter, & M. Wheatly (Eds.), *Academic leadership in higher education: From the top down and the bottom up* (pp. 91—98). Lanham, MD: Rowman-Littlefield.
- Foss, D. J. (2015). Fidelity and Responsibility in Leadership: What Should We Expect (of Ourselves)? In R. J. Sternberg & S. T. Fiske (Eds.) *Ethical Challenges in the Behavioral and Brain Sciences: Case Studies and Commentaries*. New York: Cambridge University Press.
- Kaup, B. & Foss, D. J. (2005). Detecting and processing inconsistencies in narrative comprehension. In D. T. Rosen (Ed.) *Trends in Experimental Psychology Research*. Nova Science Publishers, Inc. (pp. 67—90).

- Foss, D. J. & Speer, S. (1991). Global and local context effects in sentence processing. In R. R. Hoffman & D. S. Palermo (Eds.) *Cognition and the symbolic processes: Applied and ecological perspectives*. Hillsdale, N.J.: Lawrence Erlbaum Associates.
- Foss, D. J. & DeRidder, M. (1987). Technology transfer: On learning a new computer-based system. In J. Carroll (Ed.) *Interfacing thought: Cognitive aspects of Human - Computer interaction*. Cambridge, Mass.: Bradford Books M.I.T. Press
- Foss, D. J. & Ross, J.R. (1983) Great expectations: Some effects of context on sentence processing. In G. B. Flores d'Arcais and R. J. Jarvella (Eds.), *The process of language understanding*. Chichester: Wiley.
- Foss, D. J. (1982) Counting, computing, and comprehending. In T. Meyers, J. Laver & J. Anderson (Eds.), *The cognitive representation of speech*. Amsterdam: North Holland Publishing Co.
- Foss, D. J., Harwood, D. A., & Blank, M. A. (1980) Deciphering decoding decisions: Data and devices. In R. Cole (Ed.), *Perception and production of fluent speech*. Hillsdale, N.J.: Lawrence Erlbaum Associates.
- Foss, D. J., Bias, R.G., & Starkey, P. (1978) Sentence comprehension in the preschooler. In R. N. Campbell & P. T. Smith (Eds.), *Recent advances in the psychology of language: Formal and experimental approaches*. N.Y.: Plenum.
- Foss, D. J. & Fay, D. (1975) Linguistic theory and performance models. In D. Cohen & J. R. Wirth (Eds.), *Testing linguistic hypotheses*. Washington, D. C.: Hemisphere Publishing Corporation.
- Foss, D. J. (1974) On the time-course of sentence comprehension. In F. Bresson & J. Mehler (Eds.), *Current problems in psycholinguistics*. Paris: Centre Nationale de la Recherche Scientifique.

### **Articles**

- Foss, D. J., & Pirozzolo, J. W. (2017) Four semesters investigating frequency of testing, the testing effect, and transfer of training. *Journal of Educational Psychology*, **109**, 1067 – 1083. doi:10.1037/edu0000197
- Foss, D. J. (2017) Janet Taylor Spence: A model role model. *Sex Roles*, **77**, 751 – 756. DOI: 10.1007/s11199-017-0840-1
- Foss, D. J. (2016) Eminence and omniscience: Statistical and clinical prediction of merit. *Perspectives on Psychological Science*, **11**, 913—916. DOI: 10.1177/1745691616662440

- Foss, D. J. (2016) A First-Rate Mind [Review of the book *What kind of creatures are we?*, by N. Chomsky]. *PsycCRITIQUES*, **61**, No. 28, Article 3.
- Foss, D. J., & Overmier, J. B. (2013). James J. Jenkins (1923—2012). *American Psychologist*, **68**, 400. Doi: 10.1037/a0033058
- \*Foss, D. J., Gershenson, C. W., Overmier, J. B., & Siegel, G. M. (2013) Reflections: Jenkins and Pick, Early Center Leaders. *Cognitive Critique*, *7*, 71—78. \* Not refereed. (<http://www.cogcrit.umn.edu/archives.shtml>)
- Traxler, M. J., Foss, D. J., Podali, R., & Zirnstein, M. (2012) Feeling the past: The absence of experimental evidence for anomalous retroactive influences on text processing. *Memory & Cognition*, **40**, 1366—1372.  
<http://dx.doi.org/10.3758/s13421-012-0232-2>
- Foss, D. J. (2011) Online courses: A public good or a disruptive model for higher education? [Review of the book *Unlocking the gates: How and why leading universities are opening up access to their courses*, by T. Walsh]. *PsycCRITIQUES*, 56(34). Doi: 10.1037/a0024383
- Traxler, M. J., Foss, D. J., Seely, R. E., Kaup, B., & Morris, R.K. (2000) Processing effects in sentence comprehension: Effects of association and integration. *Journal of Psycholinguistic Research*, **29**, 583—597.
- Traxler, M. J., & Foss, D. J. (2000) Effects of Sentence Constraint on Priming in Natural Language Comprehension, *Journal of Experimental Psychology: Learning, Memory & Cognition*, **26**, 1266—1282.
- Foss, D. J. (1998) Two strands of scholarship on language comprehension: Phoneme monitoring and discourse context. *Journal of Psycholinguistic Research*, **27**, 191—201.
- Hess, D. J., Foss, D. J. & Carroll, P. (1995) Effects of global and local context on lexical processing during language comprehension. *Journal of Experimental Psychology: General*, **124**, 62 — 82.
- Foss, D. J., Spence, J. T. et al (1992) The Human Capital Initiative. *American Psychological Society Observer*, Special Issue, February.
- Foss, D. J. (1991) Review of Douglas Vickers & Philip S. Smith (Eds.). Human information processing: Measures, mechanisms, and models. *Contemporary Psychology*, **36**, 263.
- Foss, D. J. (1990) Adam and Eve's Creator. Review of Frank S. Kessel (Ed.). The development of language researchers: Essays in honor of Roger Brown. Hillsdale, N.J.: Erlbaum. *Contemporary Psychology*, **35**, 764 - 765.
- Foss, D. J. (1988) Experimental Psycholinguistics. *Annual Review of Psychology*, **39**, 301 - 348.

- Diehl, R., Kluender, K., Foss, D. J., Gernsbacher, M. A., & Parker, E. (1987) Vowels as islands of reliability. *Journal of Memory and Language*, **26**, 564 - 573.
- Foss, D. J., Smith-Kerker, P. & Rosson, M. B. (1987) On comprehending a computer manual: Analysis of variables affecting performance. *International Journal of Man-Machine Studies*, **26**, 277 - 300.
- Foss, D. J. Cognitive psychology: The mind discovers itself. In *Proceedings of the Philosophical Society of Texas* (1985).
- Foss, D. J. (1985) CP Speaks. *Contemporary Psychology*, **30**, 933 - 935.
- Foss, D. J. & Gernsbacher, M. (1983) Breaking the dual code: A unitary model of phoneme identification. *Journal of Verbal Learning and Verbal Behavior*, **22**, 609-632.
- Foss, D. J. (1982) A discourse on priming. *Cognitive Psychology*, **14**, 590-607.
- Foss, D. J., Rosson, M.B., & Smith, P.L. (1982) Reducing manual labor: An experimental analysis of learning aids for a text editor. *Proceedings of the IFIPs Conference on Human Computer Interaction*. Gaithersburg, Md.: National Bureau of Standards.
- Foss, D. J. (1981) CP Speaks. *Contemporary Psychology*, **26**, 3 - 4.
- Foss, D. J. (1981) CP Speaks. *Contemporary Psychology*, **26**, 189.
- Foss, D. J. Review of J. R. Anderson and G. H. Bower, *Human associative memory: A brief edition*. Hillsdale, N.J.: Lawrence Erlbaum Associates, 1980. *Contemporary Psychology*, **26**, 401.
- Foss, D. J. & Blank, M. A. (1980) Identifying the speech codes. *Cognitive Psychology*, **12**, 1-31.
- Cirilo, R. K. & Foss, D. J. (1980) Text Structure and reading times for sentences. *Journal of Verbal Learning and Verbal Behavior*, **19**, 96-109.
- Foss, D. J. (1980) CP Speaks. *Contemporary Psychology*, **25**, 5-6.
- Foss, D. J. (1979) Review of S. W. Huck and A. M. Sandler, *Rival Hypotheses: Alternative interpretations of data-based conclusions*. N.Y.: Harper & Row. *Contemporary Psychology*, **24**, 664.
- Foss, D. J. (1979) Review of M. R. Rosenzweig and L.W. Porter (Eds.) *Annual review of psychology, Vol. 29*. *Contemporary Psychology*, **24**, 344.

- Foss, D. J., Cirilo, R. K. & Blank, M. A. (1979) Semantic facilitation and lexical access during sentence processing: An investigation of individual differences. *Memory & Cognition*, **7**, 346-353.
- Blank, M. A. & Foss, D. J. (1978) Semantic facilitation and lexical access during sentence processing. *Memory & Cognition*, **6**, 644-652.
- Foss, D. J. (1978) Review of A. A. Abrahamson (1978), *Child language: An interdisciplinary guide to theory and research*. Baltimore: University Park Press. *Contemporary Psychology*, **23**, 93.
- Cutler, A., & Foss, D. J. (1977) On the role of sentence stress in sentence processing. *Language and Speech*, **20**, 1-10,
- Foss, D. J. & Harwood, D. A. (1975) Memory for sentences: Implications for human associative memory. *Journal of Verbal Learning and Verbal Behavior*, **14**, 1-16.
- Foss, D. J. (1974) Review of J. L. Flanagan and L. R. Rabiner (Eds.), *Speech Synthesis*. Stroudsburg, PA: Dowden, Hutchinson & Ross, Inc. *Contemporary Psychology*, **19**, 633-644.
- Foss, D. J. & Jenkins, C. J. (1973) Some effects of context on the comprehension of ambiguous sentences. *Journal of Verbal Learning and Verbal Behavior*, **12**, 577-589.
- Foss, D. J. & Swinney, D. A. (1973) On the psychological reality of the phoneme: Perception, identification, and consciousness. *Journal of Verbal Learning and Verbal Behavior*, **12**, 246-257.
- Foss, D. J. (1973) Review of P. Herriot, *An introduction to the psychology of language*. London: Methuen & Co., 1970. *Contemporary Psychology*, **18**, 66-67.
- Foss, D. J. (1972) Review of J. A. DeVito, *Psycholinguistics*. Indianapolis: Bobbs-Merrill, 1971. *Contemporary Psychology*, **17**, 200.
- Cairns, H. S. & Foss, D. J. (1971) Falsification of the hypothesis that word frequency is a unified variable in sentence processing. *Journal of Verbal Learning and Verbal Behavior*, **10**, 41-43.
- Foss, D. J. & Dowell, B. E. (1971) High-speed memory retrieval with auditorily presented stimuli. *Perception & Psychophysics*, **9**, 465-468.
- Foss, D. J. Some effects of ambiguity upon sentence comprehension. (1970) *Journal of Verbal Learning and Verbal Behavior*, **9**, 699-706.
- Foss, D. J. & Cairns, H. S. (1970) Some effects of memory limitation upon sentence comprehension and recall. *Journal of Verbal Learning and Verbal Behavior*, **9**, 541-547.

- Foss, D. J. (1970) Review of D. Elkind and J. H. Flavell (Eds.), *Studies in cognitive development: Essays in honor of Jean Piaget*. N. Y.: Oxford University Press, 1969. *Social Science Quarterly*, **51**, 193-194.
- Hakes, D. T. & Foss, D. J. (1970) Decision processes during sentence comprehension: Effects of surface structure reconsidered. *Perception & Psychophysics*, **8**, 413-416.
- Foss, D. J. (1969) Decision processes during sentence comprehension: Effects of lexical item difficulty and position upon decision times. *Journal of Verbal Learning and Verbal Behavior*, **8**, 457-462.
- Foss, D. J. & Lynch, R. H. (1969) Decision processes during sentence comprehension: Effects of surface structure on decision times. *Perception & Psychophysics*, **5**, 145-148.
- Foss, D. J. (1968) An analysis of learning in a miniature linguistic system. *Journal of Experimental Psychology*, **76**, 450-459.
- Foss, D. J. (1968) Learning and discovery in the acquisition of structured material: The effects of number of items and their sequence. *Journal of Experimental Psychology*, **77**, 200-205.
- Foss, D. J. (1968) Review of J. Laffal, *Pathological and normal language*. N. Y.: Atherton, 1965. *Contemporary Psychology*, **13**, 102-103.
- Foss, D. J., Bever, T. G. & Silver, M. (1968) The comprehension and verification of ambiguous sentences. *Perception & Psychophysics*, **4**, 304-306.
- Jenkins, J. J., Foss, D. J., & Greenberg, J. H. (1968) Phonological distinctive features as cues in learning. *Journal of Experimental Psychology*, **77**, 200-205.
- Foss, D. J. & Jenkins, J. J. (1966) Mediated stimulus equivalence as function of the number of converging stimulus items. *Journal of Experimental Psychology*, **71**, 738-745.
- Jenkins, J. J. & Foss, D. J. (1965) An experimental analysis of pseudomediation. *Psychonomic Science*, **2**, 99-100.
- Jenkins, J. J., Foss, D. J., & Odom, P. B. (1965) Associative mediation in paired-associate learning with multiple controls. *Journal of Verbal Learning and Verbal Behavior*, **4**, 141-147.

In addition to the articles published in the archival sources listed above, I have presented over 70 papers at meetings of professional societies, primarily at the meetings of the Psychonomic Society, the Midwestern Psychological Association, and the American Psychological Association, as well as the Association for Psychological Science, the Southwestern Psychological Association, the Conferences on Human Factors in Computing Systems, the

Acoustical Society of America, and others. I have given invited colloquia at numerous universities, including Carnegie-Mellon University, M.I.T., Edinborough University, Sussex University, University of Michigan, University of Maryland, Cornell University, University of Minnesota, Rice University, University of California at San Diego, the Max Planck Institute for Psycholinguistics (Nijmegen, The Netherlands), etc.

My research has been supported by the National Science Foundation, the National Institute of Mental Health, the Sloan Foundation, the National Institute of Education, the Army Research Institute, and the Texas Advanced Research Grants Program.

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Fairly recent posters and presentations

Foss, D. J. (2020) Improving student success—from the classroom to the lab to the classroom to...we need to talk! Invited address at the annual conference of the National Institute on the Teaching of Psychology, January 4 and 6, St. Petersburg Beach, Florida.

Foss, D. J. & Pirozzolo, J. (2019) Effects of literal and conceptual item repetition on transfer in an authentic learning environment. Poster for the 60<sup>th</sup> Psychonomic Society Annual Meeting November, 2019 in Montreal, Canada

Pirozzolo, J. & Foss, D.J. (2018). Effects of Repetition on Transfer: Testing the Encoding Variability Hypothesis in an Authentic Learning Environment. Poster for the 59<sup>th</sup> Psychonomic Society Annual Meeting November 17, 2018 in New Orleans, Louisiana, USA.

Pirozzolo, J. & Foss, D.J. (2017). We repeat: Repeated and spaced retrieval practice improves performance in a college course. Poster presented at the annual meeting of the Psychonomic Society, Vancouver, B.C., Canada, November 9, 2017.

Fairly recent popular press piece

Foss, D. J. “How can we keep college students from dropping out.” August 28, 2018  
<https://www.houstonchronicle.com/local/gray-matters/article/college-students-dropout-rates-improvement-13185905.php>