

CURRICULUM VITAE

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Academic History

BSc	1972	Psychology	McMaster University
MA	1974	Psychology	University of Toronto
PhD	1978	Psychology	University of Toronto

NSERC-NATO Postdoctoral Fellow	University of Oxford	1978-1980
NSERC University Research Fellow	University of Toronto	1980-1985
Assistant Professor	University of Toronto	1985-1988
Associate Professor	University of Toronto	1988-1990
Visiting Professor	University of Western Ontario	1990-1993
Professor	University of Western Ontario	1993- 2012
Adjunct Professor, Dept of Biology	University of Western Ontario	1994- 2012
Cross Appointment, Dept of Biology	University of Western Ontario	

Areas of Research

Animal cognition, neurobiology of memory, evolution of behaviour, behavioural ecology

Research Grants

NSERC ¹ Operating Grant	1980-83
NSERC Operating Grant	1983-85
NSERC Operating Grant	1985-88
NSERC Operating Grant	1988-91

¹Natural Sciences and Engineering Research Council of Canada

NSERC Operating Grant	1991-94
NSERC Operating Grant	1994-98
NSERC Operating Grant	1998-02
NSERC Discovery Grant	2002-07
NSERC Discovery Grant	2007-08
NSERC Discovery Grant	2008-13
NSERC Discovery Grant	2013-17
NSERC Equipment Grant	1991-92
NSERC Equipment Grant	1994-95
NSERC Equipment Grant	1996-97
NSERC Equipment Grant	2002-03
NSERC Equipment Grant	2004-05
NSERC Research Tools and Instruments Grant	2012-13
NSERC Major Facilities Access Grant	1999-02
NSERC Major Facilities Access Grant	2003-06
Academic Development Fund Grant	2002-03, 2012-2013
Canada Foundation for Innovation New Initiatives	2006-08
Canada Foundation for Innovation Leading Edge	2013-15
CBIE/CAPEs Canada-Brazil Award	2011-2013
Connaught Grant to New Staff	1981-83
NATO Collaborative Research Grant	1982-84
NATO Collaborative Research Grant	1984-86
NSERC International Scientific Exchange Award	1983-84
Neurosciences Institute Individual Program	1988
Ontario Research Fund	2006-08

Professional Service and Awards

Editor	<i>Animal Behaviour</i>	1997-2000
	<i>Behaviour</i>	1996-2004
Associate Editor	<i>Animal Learning & Behavior</i>	1996-1997
Editorial Board	<i>Animal Behaviour</i>	1991-1994
Editorial Board	<i>Biology Letters</i>	2014 -
Elective Member, American Ornithologists' Union		1983-
Consultant to Ontario Science Centre & American Psychological Association Centenary Exhibition		1988
NSERC Psychology Grant Selection Committee		1991-94
OGS Scholarship Panel for Psychology		1995-96
Rockefeller University Extramural Committee		1996
Chair OGS Scholarship Panel for Psychology		2002-03
University of Alberta Graduate Program and Research Review		2004
Program Committee Chair, CSBBCS		2008

Co-Organizer, Integrative Biology of Scatter Hoarding Conference	2008
NSF Organismal Biology Behavioral Systems Panel	2008, 2010
External Reviewer, Interdisciplinary Graduate Programs, Memorial University	2009
Organizer 31 st Winter Animal Behavior Conference	2009
University Students' Council Teaching Honour Roll	1995-96, 1997-98, 2008-09

Administrative Positions

University

Director, Graduate Program in Neuroscience
 Co-Director, Interdisciplinary Development Initiative in Neuroscience
 University Senate
 University Senate Animal Users Subcommittee
 Faculty of Science Council
 Faculty of Music Council
 Faculty of Graduate Studies Biological & Life Sciences Group
 Program Committee, Graduate Program in Neuroscience
 Promotion and Tenure Committee, Department of Biology
 Chair Selection Committee, Department of Anthropology
 Chair Selection Committee, Department of Psychology

Departmental

Annual Performance Review Committee
 Behavioural and Cognitive Neuroscience Search Committee
 Chair, Animal Care Committee
 Chair, Animal Cognition Research Area
 Chair, Behavioural and Cognitive Neuroscience Research Area
 Chair, Graduate Affairs Committee
 Colloquium Convener
 Graduate Selection Committee
 Cognition Search Committee
 Animal Cognition Search Committee
 Nominations Committee
 Personnel Promotion and Tenure Committee
 Resource and Personnel Planning Committee
 Workload and Resource Planning Committee

Membership in Scientific Associations

American Ornithologists' Union
 Animal Behaviour Society
 Canadian Society for Brain Behaviour and Cognitive Science
 International Society for Behavioural Ecology
 Royal Canadian Institute
 Sigma Xi
 Society for Neuroscience

Scholarly and Professional Work Publications

- Galef, B.G., Jr. & Sherry, D.F. (1973). Mother's milk: A medium for transmission of cues reflecting the flavor of mother's diet. *Journal of Comparative and Physiological Psychology*, *83*, 374-378.
- Sherry, D.F. (1977). Parental foodcalling and the role of the young in Burmese red junglefowl (*Gallus gallus spadiceus*). *Animal Behaviour*, *25*, 594-601.
- Sherry, D.F., Mrosovsky, N., & Hogan, J.A. (1980). Weight loss and anorexia during incubation in birds. *Journal of Comparative and Physiological Psychology*, *94*, 89-98.
- Mrosovsky, N. & Sherry, D.F. (1980). Animal anorexias. *Science*, *207*, 837- 842.
- Sherry, D.F. (1981). Parental care and the development of thermoregulation in red junglefowl. *Behaviour*, *76*, 250-279.
- Cowie, R.J., Krebs, J.R., & Sherry, D.F. (1981). Food storing by marsh tits. *Animal Behaviour*, *29*, 1252-1259.
- Sherry, D.F., Krebs, J.R., & Cowie, R.J. (1981). Memory for the location of stored food in marsh tits. *Animal Behaviour*, *29*, 1260-1266.
- Sherry, D.F. (1981). Adaptive changes in body weight. In L.A. Cioffi, W.P.T. James & T.B. Van Itallie (Eds), *The Body Weight Regulatory System* (pp. 161-168). Raven Press: New York.
- Sherry, D.F. (1982). Food storage, memory, and marsh tits. *Animal Behaviour*, *30*, 631-633.
- Sherry, D.F., Avery, MA, & Stevens, T.A. (1982). The spacing of stored food by marsh tits. *Zeitschrift fur Tierpsychologie*, *58*, 153-162.
- Sherry, D.F. (1984). Food storage by black-capped chickadees: Memory for the location and contents of caches. *Animal Behaviour*, *32*, 451-464.
- Sherry, D.F. (1984). What food-storing birds remember. *Canadian Journal of Psychology*, *38*, 304-321.
- Sherry, D.F., & Galef B.G., Jr. (1984). Cultural transmission without imitation. *Animal Behaviour*, *32*, 937-938.
- Sherry, D.F. (1985). Food storage by birds and mammals. In J.S. Rosenblatt, C. Beer, M.-C. Busnel & P.J.B Slater (Eds.) *Advances in the Study of Behavior*, *Vol 15*, 153-188.
- Sherry, D.F. (1987). Foraging for stored food. In M.L. Commons, S.J. Shettleworth & A. Kacelnik (Eds.), *Quantitative Analysis of Behaviour. Vol.6 Foraging* (pp. 209-227). Erlbaum: Hillsdale, NJ.

- Sherry, D.F. (1987). Spatial memory in food-storing birds. In P. Ellen & C. Thinus-Blanc (Eds.), *Cognitive Processes and Spatial Orientation in Animals and Man* (pp. 305-321). Nijhoff: Dordrecht.
- Balda, R.P., Bunch, K.G., Kamil, A.C., Sherry, D.F., & Tomback, D.F. (1987). Cache site memory in birds. In A.C. Kamil, J.R. Krebs & H.R. Pulliam (Eds.), *Foraging Behavior* (pp.645-666). Plenum: New York.
- Sherry, D.F., & Schacter, D.L. (1987). The evolution of multiple memory systems. *Psychological Review*, *94*, 439-454.
- Sherry, D.F. (1987). Natural selection and intelligence. *The Behavioral and Brain Sciences*, *10*, 678-679.
- Sherry, D.F. (1988). Learning and adaptation in food-storing birds. In R.C. Bolles & M.D. Beecher (Eds.), *Evolution and Learning* (pp. 79-95). Erlbaum: Hillsdale, NJ.
- Sherry, D.F. (1988). Dynamic programming: From eternity to here. *The Behavioral and Brain Sciences*, *11*, 147-148.
- Sherry, D.F., & Vaccarino, A.L. (1989). Hippocampus and memory for food caches in black-capped chickadees. *Behavioral Neuroscience*, *103*, 308-318.
- Sherry, D.F., & Balda, R.P., (1989). Spatial memory in birds (Symposium).In H. Ouellet (Ed.) *Acta XIX Congressus Internationalis Ornithologici* (pp. 2066-2068). Ottawa: National Museum.
- Sherry, D.F., Vaccarino, A.L., Buckenham, K., and Herz, R.S. (1989). The hippocampal complex of food-storing birds. *Brain Behavior and Evolution* *34*, 308-317.
- Krebs, J.R., Sherry, D.F., Healy, S.D., Perry, H.V. & Vaccarino, A.L. (1989). Hippocampal specialization in food-storing birds. *Proceedings of the National Academy of Sciences*, *86*, 1388-1392.
- Sherry, D.F. (1989). Food storing in the Paridae. *Wilson Bulletin*, *101*, 289-304.
- Hitchcock, C.L., & Sherry, D.F. (1990). Long-term memory for cache sites in the black-capped chickadee. *Animal Behaviour*, *40*, 701-712.
- Sherry, D.F. & Galef, B.G., Jr. (1990). Social learning without imitation: More about milk bottle opening by birds. *Animal Behaviour*, *40*, 987-989.
- Jacobs, L.F., Gaulin, S.J.C., Sherry, D.F. & Hoffman, G.E. (1990). Evolution of spatial cognition: Sex-specific patterns of spatial behavior predict hippocampal size. *Proceedings of the National Academy of Sciences*, *87*, 6349-6352.
- Sherry, D.F. (1990). Evolutionary modification of memory and the hippocampus. In L. Squire & E. Lindenlaub (Eds.) *The Biology of Memory, 23rd Symposia Medica Hoechst* (pp.401-421), Stuttgart: Schattauer.

- Hitchcock, C.L. & Sherry, D.F. (1991). Dynamic models, fitness functions, and food storing. *The Behavioral and Brain Sciences*, 14, 99.
- Sherry, D.F. (1992). Landmarks, the hippocampus and spatial search in food-storing birds. In W.K. Honig & J. G. Fetterman (Eds.), *Cognitive aspects of stimulus control*. (pp. 185-201), Hillsdale, NJ: Erlbaum.
- Sherry, D.F. (1992). Memory, the hippocampus, and natural selection: Studies of food-storing birds. In L.R. Squire & N. Butters (Eds.), *Neuropsychology of Memory*, 2nd Edition. (pp. 521-532), New York: Guilford Press.
- Hampton, R.R. & Sherry, D.F. (1992). Food storing by Mexican chickadees and bridled titmice *The Auk*, 109, 665-666.
- Sherry, D.F., Jacobs, L.F. & Gaulin, S.J.C. (1992). Spatial memory and adaptive specialization of the hippocampus. *Trends in Neurosciences*, 15, 298-303.
- Cheng, K., & Sherry, D.F. (1992) Landmark-based spatial memory in birds (*Parus atricapillus* and *Columba livia*): The use of edges and distances to represent spatial position. *Journal of Comparative Psychology*, 106, 331-341.
- Sherry, D.F., Jacobs, L.F. & Gaulin, S.J.C. (1993). The hippocampus and spatial memory. Reply. *Trends in Neurosciences*, 16, 56-57.
- Sherry, D.F., Forbes, M.R.L., Khurgel, M. & Ivy, G.O. (1993). Females have a larger hippocampus than males in the brood-parasitic brown-headed cowbird. *Proceedings of the National Academy of Sciences*, 90, 7839-7843.
- Hampton, R.R. & Sherry, D.F. (1994). The effects of cache loss on choice of cache sites in black-capped chickadees. *Behavioral Ecology*, 5, 44-50.
- Sherry, D.F. (1994). Cognitive development in animals. In J.A. Hogan & J.J. Bolhuis (Eds.), *Causal Mechanisms of Behavioural Development* (pp. 289-299). Cambridge University Press: Cambridge UK.
- Herz, R.S., Zanette, L. & Sherry, D.F. (1994). Spatial cues for cache retrieval by black-capped chickadees. *Animal Behaviour*, 47, 343-351.
- Hampton, R.R., Sherry, D.F., Shettleworth, S.J., Khurgel, M. & Ivy, G. (1995). Hippocampal volume and food-storing behaviour are related in Parids. *Brain Behaviour & Evolution*, 45, 54-61.
- Hitchcock, C.L. & Sherry, D.F. (1995). Cache pilfering and its prevention in pairs of black-capped chickadees. *Journal of Avian Biology*, 26, 187-192.
- Sherry, D.F. (1996). Introduction to middle-scale navigation: The vertebrate case. *Journal of Experimental Biology*, 199, 163-164.

- Sherry, D.F. & Duff, S.J. (1996). Behavioural and neural mechanisms of orientation in food-storing birds. *Journal of Experimental Biology*, 199, 165-172.
- Petersen, K. & Sherry, D.F. (1996). No sex difference occurs in hippocampus, food-storing, or memory for food caches in black-capped chickadees. *Behavioural Brain Research*, 79, 15-22.
- Sherry, D.F., Galef, B.G. Jr., Clark, M.M. (1996). Sex and intrauterine position influence the size of the gerbil hippocampus. *Physiology & Behavior*, 60, 1491-1494.
- Sherry, D.F. (1997). Cross-species comparisons. In: *Characterizing human psychological adaptations* (pp.181-194). Ciba Foundation Symposium No. 208. Chichester: John Wiley & Sons.
- Sherry, D.F. & Hampson, E. (1997). Evolution and the hormonal control of sexually-dimorphic spatial abilities in humans. *Trends in Cognitive Sciences*, 1, 50-56.
- Sherry, D.F. (1997). Memories are made of this. *Natural History*, 106, 56-58.
- Sherry, D.F. & Healy, S.D. (1998). Neural mechanisms of spatial representation. In: S.D. Healy (ed.) *Spatial representation in animals* (pp.133-157). Oxford University Press.
- Sherry, D.F. (1998). The ecology and neurobiology of spatial memory. In: Dukas, R. (ed.) *Cognitive ecology: The evolutionary ecology of information processing and decision making* (pp.261-296). Chicago: Chicago University Press.
- Duff, S.J., Brownlie, L.A., Sherry, D.F. & Sangster, M. (1998). Sun compass and landmark orientation by black-capped chickadees. *Journal of Experimental Psychology: Animal Behavior Processes*, 24, 243-253.
- Sherry, D.F. (1999). Adaptive specialisations of memory in birds. In: Adams, N.J. & Slotow, R.H. (eds.) *Proceedings of the 22nd International Ornithological Congress Durban SA* (pp. 2394-2416). Johannesburg SA: BirdLife South Africa.
- Marler, P. & Sherry, D.F. (1999). The nature and nurture of developmental plasticity. In: Adams, N.J. & Slotow, R.H. (eds.) *Proceedings of the 22nd International Ornithological Congress Durban SA* (pp. 2353-2355). Johannesburg SA: BirdLife South Africa.
- Sherry, D.F. (2000). What sex differences in spatial ability tell us about the evolution of cognition. In: Gazzaniga, M.S. (ed.) *The New Cognitive Neurosciences 2nd* (pp. 1209-1217). Cambridge MA: MIT Press.
- Boisvert, M.J. & Sherry, D.F. (2000). A system for the automated recording of feeding behaviour and body weight. *Physiology & Behaviour*, 71, 147-151.
- Sherry, D.F. (2001). Memory, evolution, and the brain of food-storing birds. In: Chen, L. & Zhuo, Y. (eds.) *Proceedings of the Third International Conference on Cognitive Science* (pp. 35-39). Beijing: Press of University of Science and Technology of China.

- MacDougall-Shackleton, S.A., Sherry, D.F., Clark, A.P., Pinkus, R. & Hernandez, A.M. (2003). Photoperiodic regulation of food-storing and hippocampus volume in black-capped chickadees, *Poecile atricapilla*. *Animal Behaviour*, *65*, 805-812.
- Hoshooley, J.S. and Sherry, D.F. (2004). Neuron production, neuron number, and structure size are seasonally stable in the hippocampus of the food-storing black-capped chickadee (*Poecile atricapilla*). *Behavioral Neuroscience*, *118*, 345-355.
- Sherry, D.F. (2005). Brain and behaviour. In: Bolhuis, J.J. & Giraldeau, L.-A. (eds.) *The Behavior of Animals: Mechanism, Function, and Evolution*. (pp. 97-118) Oxford: Blackwell Publishers.
- Sherry, D.F. (2005) Do ideas about function help in the study of causation? *Animal Biology*, *55*, 441-456.
- Sherry, D.F. (2006) Neuroecology. In: Fiske, S.T., Schacter, D.L., & Zahn-Waxler (eds.). *Annual Review of Psychology Vol 57* (pp.167-197) Chippewa Falls WI: Annual Reviews.
- Phillmore, L.S., Hoshooley, J.S., Sherry, D.F. & MacDougall-Shackleton, S.A. (2006). Annual cycle of the black-capped chickadee: seasonality of singing rates and vocal control brain regions. *Journal of Neurobiology*, *66*, 1001-1010.
- Boisvert, M.J. & Sherry, D.F. (2006) Interval timing by an invertebrate, the bumble bee *Bombus impatiens*. *Current Biology*, *16*, 1636-1640.
- Sherry, D.F. & Mitchell, J.B. (2007) The neuroethology of foraging. In: Stephens, D.W., Brown, J.S. & Ydenberg, R.C. (eds.) *Foraging*. (pp. 61-102) University of Chicago Press.
- Sherry, D.F. & Hoshooley, J.S. (2007) The neurobiology of spatial ability. In: Otter, K. (ed.) *Ecology and Behavior of Chickadees and Tits: An Integrated Approach* (pp.9-23) Oxford University Press.
- Sherry, D.F., Pravosudov, V.V., MacDougall-Shackleton, S.A., Hoshooley, J.S., Phillmore, L.S. (2007). Proximate mechanisms in behavior and evolution. In: Otter, K. (ed.) *Ecology and Behavior of Chickadees and Tits: An Integrated Approach* (pp. 71-73) Oxford University Press.
- Hoshooley, J.S. & Sherry, D.F. (2007) Greater hippocampal neuronal recruitment in food-storing than in non-food-storing birds. *Developmental Neurobiology*, *67*, 406-414.
- Hoshooley, J.S., Phillmore, L.S., Sherry, D.F. & MacDougall-Shackleton, S.A. (2007). Annual cycle of the black-capped chickadee: seasonality of food-storing and the hippocampus. *Brain Behaviour and Evolution*, *69*, 161-168.
- Boisvert, M.J., Veal, A.J. & Sherry, D.F. (2007) Floral reward production is timed by an insect pollinator. *Proceedings of the Royal Society B, Biological Sciences*, *274*, 1831-1837.
- Sherry, D.F. (2009) Do ideas about function help in the study of causation? In: Bolhuis, J.J. and

- Verhulst, S. (eds.) *Tinbergen's Legacy* (pp. 147-162) Cambridge University Press.
- Sherry, D.F. & Hoshoooley, J.S. (2009) The seasonal hippocampus of food-storing birds. *Behavioural Processes* 80, 334-338.
- Sherry, D. F. (2009). Cognitive development in animals. In: J.A. Hogan & J.J. Bolhuis (Eds.) *Causal Mechanisms of Behavioural Development*. Paperback Edition. (pp. 289-299) Cambridge University Press: Cambridge UK.
- Feeney, M. C., Roberts, W.A. & Sherry, D.F. (2009) Memory for what, where and when in the black-capped chickadee (*Poecile atricapillus*). *Animal Cognition* 12, 767-777.
- Sherry, D.F. & Hoshoooley, J.S. (2010). Seasonal hippocampal plasticity in food-storing birds. *Philosophical Transactions of the Royal Society. B Biological Sciences*. 365, 933-943.
- Feeney, M.C., Roberts, W.A. & Sherry, D.F. (2011). Black-capped chickadees (*Poecile atricapillus*) anticipate future outcomes of foraging choices. *Journal of Experimental Psychology: Animal Behavior Processes*. 37, 30-40.
- Feeney, M.C., Roberts, W.A. & Sherry, D.F. (2011). Mechanisms of what-where-when memory in black-capped chickadees (*Poecile atricapillus*): Do chickadees remember "when"? *Journal of Comparative Psychology*, 125, 308-316.
- Sherry, D.F. (2011) Citation classic: The hippocampus of food-storing birds. *Brain Behavior and Evolution*, 78, 133-135.
- Barrett, M.B. & Sherry, D.F. (2012). Consolidation and reconsolidation of memory in the Black-capped chickadee (*Poecile atricapillus*). *Behavioral Neuroscience*, 126, 809-819.
- Strang, C.G. & Sherry, D.F. (in press). Serial reversal learning in bumblebees (*Bombus impatiens*). *Animal Cognition* ANCO-D-13-00073R1.
- Sherry, D.F. (in press). Decisions, memory, and the neuroecology of food-storing birds. In: Preston, S., Kringelbach, M. & Knutson, B. (Eds.) *The Interdisciplinary Science of Consumption*. MIT Press: Cambridge MA.
- Sherry, D.F. (in press). How animal remember places and find their way around. Yasukawa, K. (Ed.) *Animal Behavior*, Praeger ABC-CLIO: Santa Barbara CA.
- Barrett, M.D. & Sherry, D.F. (in review). Systems consolidation in the Black-capped chickadee (*Poecile atricapillus*). *Learning & Memory* 2013.031898.
- Hall, Z.J., Bauchinger, U., Gerson, A.R., Price, E.R., Langlois, L.A., Boyles, M. Pierce, B. McWilliams, S.R., Sherry, D.F. & MacDougall-Shackleton, S.A. (in review). Site-specific regulation of adult neurogenesis by dietary fatty acid content, vitamin E, and flight exercise in European starlings. *Journal of Neuroscience*. JN-RM-2358-13.

Book Reviews, Abstracts and Other Publications

- Sherry, D.F. (1979). Review of *Sociobiology and Behavior* by David Barash. *New Scientist*, 82, 485.
- Sherry, D.F. (1979). Review of *Quantitative Ethology* by Patrick Colgan. *New Scientist*, 83, 210-211.
- Sherry, D.F. (1979). Review of *Adaptation to Thermal Environment* by L.E. Mount, *New Scientist*, 84, 711.
- Sherry, D.F. (1980). Body weight in balance. *New Scientist*, 88, 795-797.
- Sherry, D.F. (1981). Review of *Animal Behavior* by John Alcock. *Journal of Animal Ecology*, 50, 331-332.
- Sherry, D.F. (1981). Hoarding. In D.J. McFarland (Ed.), *Oxford Companion to Animal Behaviour*, (pp. 272 -273). Oxford University Press: Oxford.
- Sherry, D.F. (1981). Incubation. In D.J. McFarland (Ed.), *Oxford Companion to Animal Behaviour*, (pp. 305-308). Oxford University Press: Oxford.
- Sherry, D.F. (1984). Not cricket. (letter) *New Scientist*, 101, 47.
- Sherry, D.F. (1986). Finding food. In P.J.B. Slater (Ed.), *The Collins Encyclopedia of Animal Behaviour*, (pp. 14-18). Collins: London.
- Sherry, D.F., Vaccarino, A.L., Buckenham, K. & Herz, R. (1988). Hippocampal volume in food-storing birds. *Society for Neuroscience Abstracts*, 14, Part 1, 235.
- Sherry, D.F. (1989). Review of *Foraging Theory* by D.W. Stephens and J.R. Krebs, *Contemporary Psychology*, 34, 131-132.
- Sherry, D.F. (March 22, 1989). Rushton research evidence does not support his race conclusions. *The Newspaper*, (University of Toronto), p.6
- Sherry, D.F. (1989). Memory and the brain in food-storing birds. *Long Point Bird Observatory Newsletter*. 21 (1) 18-19.
- Jacobs, L.F., Gaulin, S.J.C., Sherry, D.F. & Hoffman, G.E. (1990). Sex-specific patterns of spatial behavior predict hippocampal size in wild rodents. *Society for Neuroscience Abstracts*, 16, Part 2, 1248.
- Sherry, D.F. (1990). Storage ecology [Review of *Food Hoarding in Animals* by Stephen B. Vander Wall]. *Science*, 250, 1602-1603.
- Sherry, D.F., & Vaccarino, A.L. (1991). Hippocampus and memory for food caches in black-capped chickadees. In: Pinel, J.P.J. (Ed.) *Current Research in Biopsychology* (pp.176-186), Allyn & Bacon: Boston. Reprinted from *Behavioral Neuroscience*, 1989, 103, 308-318.

- Rice, H.N. & Sherry, D.F. (1992). Effects on simple association and spatial memory of neurotoxin lesions to the avian hippocampus. *Society for Neuroscience Abstracts*, 18, Part 2, 1425.
- Sherry, D.F. (1992). Konrad Lorenz. In L.R. Squire (Ed.) *Encyclopedia of Learning and Memory*. (pp.163-166), Macmillan: New York.
- Sherry, D.F. (1992). Evolution of learning. In L.R. Squire (Ed.) *Encyclopedia of Learning and Memory*. (pp.372-373), Macmillan: New York.
- Duff, S.J. & D.F. Sherry (1994). Sun compass orientation in the food-finding behaviour of the black-capped chickadee. *Society for Neuroscience Abstracts*, 20, Part 2, 1013.
- Petersen, K., Sherry, D.F. & Hampson, E. (1994). Sex differences in spatial memory and hippocampal size do not occur in food-storing black-capped chickadees. *Society for Neuroscience Abstracts*, 20, Part 2, 1013.
- Sherry, D.F. (1994). Site recognition by food-storing black-capped chickadees. *Journal für Ornithologie*, 135, 94 (Abstract).
- Petersen, K. & Sherry, D.F. (1995). Seasonal differences in food-storing, but not spatial memory or hippocampal size in white-breasted nuthatches. *Society for Neuroscience Abstracts*, 21, Part 3, 1943.
- Sherry, D.F. (1995) Review of *The Neuroscience of Animal Intelligence* by E.M. Macphail. *Quarterly Journal of Experimental Psychology*, 48B, 379-380.
- Marler, P.R. and Sherry, D.F. (1998) Instincts to learn: Innate predispositions in behavioural development. *Ostrich*, 69, 123 (Abstract).
- Sherry, D.F. (1998) Multiple memory systems and avian cognition. *Ostrich*, 69, 125 (Abstract).
- Boisvert, M.J. & Sherry, D.F. (1999) Winter energetics in black-capped chickadees: Automated recording of feeding, food-caching, and body weight. *Animal Behaviour Society, Bucknell University* (Abstract).
- Gordon, A. & Sherry, D.F. (1999) Effects of a perceived predation risk on chickadee body weight and food caching. *Animal Behaviour Society, Bucknell University* (Abstract).
- Sherry, D.F., Baxter, B., Johnston, K. & Hinson, R.E. (1999) Social learning by black-capped chickadees *Animal Behaviour Society, Bucknell University* (Abstract).
- Sherry, D.F., Vine, S. & Swartzman, L. (2000) The post-reproductive lifespan of female primates *Animal Behaviour Society, Atlanta GA* (Abstract).
- McKay, J., Sherry, D.F. & Ivy, G.O. (2000) Seasonal cell birth in the hippocampus of a food-storing bird. *Southern Ontario Neuroscience Association 20th Annual Meeting University of Western Ontario, London ON* (Abstract).

- Sherry, D.F. (2000) The mind by moonlight. Review of *The Mating Mind: How Sexual Choice Shaped the Evolution of Human Nature* by G.F. Miller. *Cerebrum* 2, 132-141.
- McKay, J.S., Sherry, D.F. & Ivy, G.O. (2000) Seasonal cell birth in the hippocampus of a food-storing bird. *International Behavioural Neuroscience Society, Cancun Mexico*. (Abstract)
- MacDougall-Shackleton, S.A., Sherry, D.F., Clark, A., Pinkus, R. & Hernandez, A. (2001) Photoperiodic regulation of food-storing and hippocampus volume in black-capped chickadees (*Poecile atricapillus*). *Animal Behaviour Society, Corvallis OR* (Abstract).
- Sherry, D.F. (2001) Review of *Cuckoos, Cowbirds, and Other Cheats*. by N. B. Davies. *Ethology* 107: 85-88.
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- Hoshooley, J.S. & Sherry, D.F. (2002) Stable fall and winter neurogenesis, apoptosis, and neuron number in the hippocampus of food-storing black-capped chickadees. *Society for Neuroscience Abstracts*, 28, Program No. 478.8.
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- Szekeres, B.A. and Sherry, D.F. (2003). Spatial orientation and landmark use in black-capped chickadees. *10th Annual International Conference on Comparative Cognition, Melbourne Beach FL* Program No. 71-5 (Abstract).
- Sherry, D.F. (2003). Konrad Lorenz. In: Byrne, J.H., Eichenbaum, H., Roediger, H.L. & Thompson, R.F. (eds.) *Learning and Memory 2nd Ed.* (pp. 355-356). New York: Macmillan.
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- Lattanzio, S. B. & D. F. Sherry (2003) Do sex differences in ecology and neuroanatomy predict sex differences in memory in the brood-parasitic brown-headed cowbird (*Molothrus ater*)? *Society for Neuroscience Abstracts*, Program No. 115.9.
- Hoshooley, J.S. & Sherry, D.F. (2003) The role of caching experience in survival of new neurons in the hippocampus of adult food-storing black-capped chickadees. *Society for Neuroscience Abstracts*, Program No. 720.21.
- Lattanzio, S.B., Hoshooley, J.S. & Sherry, D.F. (2004) Do the greater spatial memory demands of brood parasitism in the female brown-headed cowbird (*Molothrus ater*) correspond to higher rates of hippocampal neuron recruitment? *Society for Neuroscience Abstracts*, Program No. 554.19.

- Boisvert, M.J. & Sherry, D.F. (2004). Interval timing behaviour in bumblebees *Bombus impatiens*. *Ontario Ecology and Ethology Colloquium*, May 10 -12 2004, University of Toronto.
- Sherry, D.F. (2004). Asking how? versus asking why? Review of *Why Men Won't Ask for Directions* by R.C. Francis. *Cerebrum* 6, 89 -98.
- Phillmore, L., Hoshoooley, J.S., Sherry, D.F. & Macdougall-Shackleton, S. (2005) Seasonal plasticity of the brain and behaviour in black-capped chickadees. *15th Annual Conference Canadian Society for Brain Behaviour and Cognitive Science*. *Université de Montréal, Montréal, Québec* (Abstract).
- Boisvert, M.J. & Sherry, D.F. (2005). Interval timing in an invertebrate. *12th International Conference on Comparative Cognition*. *Melbourne FL* (Abstract).
- Phillmore, L.S., Hoshoooley, J.S., Sherry, D.F. & MacDougall-Shackleton, S.A. (2005). Neuronal recruitment to the hippocampus changes seasonally but hippocampal volume does not in food-storing black-capped chickadees. *Society for Neuroscience Abstracts*, Program No. 780.15.
- Hoshoooley, J.S. & Sherry, D.F. (2005). Specialization of adult hippocampal neurogenesis in food-storing black-capped chickadees. *Society for Neuroscience Abstracts*, Program No. 780.16.
- Boisvert, M.J. & Sherry, D.F. (2006) Bumble bees (*Bombus impatiens*) can estimate multiple durations in concurrent fashion. *Ontario Ecology and Ethology Colloquium*. *Brock University, St Catharines ON*.
- Veal, A., Boisvert, M.J. & Sherry, D.F. (2006) Interval timing by foraging bumble bees. *Ontario Ecology and Ethology Colloquium*. *Brock University, St Catharines ON*.
- Boisvert, M.J. & Sherry, D.F. (2006) Multiple interval timing by an invertebrate, the bumble bee: Performance on mixed FI schedules. *16th Annual Conference Canadian Society for Brain Behaviour and Cognitive Science University of Saskatchewan, Saskatoon SK*.
- Boisvert, M.J., Veal, A. & Sherry, D.F. (2006) Interval timing by foraging bumble bees: Anticipating floral reward production. *16th Annual Conference Canadian Society for Brain Behaviour and Cognitive Science University of Saskatchewan, Saskatoon SK*.
- Boisvert, M.J. Veal, A.J. & Sherry, D.F. (2007) Interval timing by bumble bees. *17th Annual Meeting Canadian Society for Brain, Behaviour and Cognitive Science University of Victoria, Victoria BC*.
- Hoshoooley, J.S. & Sherry, D.F. (2007) Seasonal variation in hippocampal neuron recruitment in the food-storing black-capped chickadee. *Canadian Association for Neuroscience Meeting, Toronto ON* Program No. 73 D123.
- Sherry, D.F. & Hoshoooley, J.S. (2008) The seasonal hippocampus of black-capped chickadees. *18th Annual Meeting. Canadian Society for Brain Behaviour and Cognitive Science. University of*

Western Ontario, London, ON. Abstract 31.

- Feeney, M., Roberts, W., & Sherry, D. F. (2008). Testing for episodic-like memory in the black-capped chickadee. *18th Annual Meeting. Canadian Society for Brain Behaviour and Cognitive Science. University of Western Ontario, London, ON.* Abstract 259.
- Sherry, D. F. (2008). Social learning: Nectar robbing spreads socially in bumble bees. *Current Biology*, 18, R608-R610.
- Hernandez, A.M., MacDougall-Shackleton, S.A. & Sherry, D.F. (2009) ZENK induction in medial hippocampus correlates with accuracy of cache recovery after 1 day but not longer retention intervals in black-capped chickadees (*Poecile atricapillus*). *Integrative Biology of Scatter Hoarding: Ecology, Psychology and Neuroscience*, Cornell University, Ithaca NY.
- Feeney, M.C., Sherry, D.F. and Roberts, W.A. (2009) Searching for episodic-like memory in black-capped chickadees. *Integrative Biology of Scatter Hoarding: Ecology, Psychology and Neuroscience*, Cornell University, Ithaca NY.
- Sherry, D. F. (2010) Decisions, memory, and neural adaptation in food-storing birds. *Conference on the Interdisciplinary Science of Consumption*. University of Michigan, Ann Arbor MI
- Feeney, M. C., Roberts, W. A., & Sherry, D. F. (2010) Future anticipation in black-capped chickadees. *17th International Conference on Comparative Cognition*. Melbourne Beach FL.
- Strang, C.G. & Sherry, D.F. (2011) Serial reversal learning in bumble bees. *18th International Conference on Comparative Cognition*. Melbourne Beach FL.
- Feeney, M.C., Sherry, D.F. and Roberts, W.A. (2011) How do chickadees remember when? *18th International Conference on Comparative Cognition*. Melbourne Beach FL.
- Strang, C.G. & Sherry, D.F. (2011). Learning flexibility in bumblebees. *Association for the Study of Animal Behaviour Summer Conference 2011*. St. Andrew's, Scotland.
- Barrett, M.C. & Sherry, D.F. (2011) Memory reconsolidation in the black-capped chickadee. *41st Annual Meeting Society for Neuroscience, Washington DC*.
- Wiechers, A.A. & Sherry, D.F. (2011) Doublecortin labelling of seasonal hippocampal neurogenesis in food-storing black-capped chickadees. *41st Annual Meeting Society for Neuroscience, Washington DC*.
- Strang, C.G. & Sherry, D.F. (2012) Visual attention and the mushroom bodies in bumblebees, *Bombus impatiens*. *8th Federation of European Neuroscience Societies Forum*, Barcelona, Spain.
- Guigueno, M., MacDougall-Shackleton, S. & Sherry, D.F. (2012) Sex differences in spatial cognition in brown-headed cowbirds (*Molothrus ater*). *North American Ornithological Conference. Vancouver BC*.

- Strang, C.G., Ngo, A.P. & Sherry, D.F. (2012). The effects of maturation and foraging experience on behavioural flexibility and the mushroom bodies of bumblebees (*Bombus impatiens*). *42nd Annual Meeting of the Society for Neuroscience, New Orleans LA.*
- Sherry, D.F. & Barrett, M.C. (2013) Hippocampal connectivity and the consolidation of long-term memory in chickadees. *Integrative Biology of Scatter Hoarding: Ecology, Psychology and Neuroscience. Newcastle University, Newcastle UK.*
- Sherry, D.F. & Barrett, M.C. (2013) Consolidation and reconsolidation of memory for cache sites in Black-capped chickadees. *Behaviour 2013, Newcastle University, Newcastle UK.*
- Strang, C.G. & Sherry, D.F. (2013) Spatial cognition in horses. *Behaviour 2013, Newcastle University, Newcastle UK.*
- Guigueno, M., MacDougall-Shackleton, S. & Sherry, D.F. (2013) Memory in an avian brood-parasite: Testing the adaptive specialization hypothesis. *Behaviour 2013, Newcastle University, Newcastle UK.*

Invited Lectures and Seminars

- 1979 King's College Research Centre, Cambridge
- 1980 3rd International Congress on Obesity, Capri Italy
- 1980 Edward Grey Institute Conference on Bird Biology, Oxford University
- 1981 Dept. of Psychology, McMaster University
- 1982 Dept. of Zoology, University of Western Ontario
- 1982 Dept. of Zoology, Erindale College, University of Toronto
- 1983 6th Harvard Symposium on Quantitative Analyses of Behavior, Harvard
- 1984 Dept. of Anatomy, University of Toronto
- 1984 Foraging Conference, Brown University
- 1984 Workshop on Spatial Memory, Canadian Psychological Association, Ottawa
- 1985 Dept. of Biology, SUNY at Albany, New York
- 1985 Dept. of Biology, University of Guelph
- 1985 Dept. of Psychology, University of Western Ontario
- 1985 Dept. of Biology, Princeton University
- 1985 NATO Advanced Studies Institute, Aix-en-Provence
- 1986 Dept. of Psychology, Carleton University
- 1986 Zoologisches Institut, University of Zurich
- 1986 Zoologisches Institut, University of Basel
- 1986 First International Behavioral Ecology Meeting, Albany, NY
- 1987 Dept. of Psychology, Queen's University
- 1987 Symposium on Spatial Learning in Animals, CPA/EPS Joint Meeting, Oxford
- 1987 Rockefeller University, New York
- 1988 Dept. of Biology, York University
- 1988 Guest Lecture, Dept. of Biology, York University
- 1988 Toronto Neuroscience Symposium, Mount Sinai Hospital Research Institute, Toronto
- 1988 Ontario Science Centre
- 1988 Wilson Ornithological Society Centennial Meeting, Academy of Natural Sciences of Philadelphia

- 1988 Neurosciences Institute, Rockefeller University
- 1988 Dept. of Psychology, Mt. Allison University
- 1989 Psychobiology Seminars, University of Western Ontario
- 1989 Forum on Racism, University of Waterloo and Wilfrid Laurier University
- 1989 Dept. of Neurobiology and Behavior, SUNY at Stony Brook
- 1989 Conference on Cognitive Aspects of Stimulus Control, Dalhousie University
- 1989 Division of Life Sciences, Scarborough College, University of Toronto
- 1989 The Biology of Memory, Symposia Medica Hoechst, Bernried, West Germany
- 1989 Dept. of Psychology, University of Pennsylvania
- 1990 Royal Canadian Institute, Toronto
- 1990 Rockefeller University, New York
- 1990 Department of Psychology, Simon Fraser University
- 1990 Symposium on Representation, 51st CPA Convention, Ottawa
- 1990 Institute for Neuroscience, University of Texas at Austin
- 1991 Department of Biology, Concordia University
- 1991 Department of Zoology, University of Western Ontario
- 1991 Department of Psychology, University of Western Ontario
- 1991 Human Behavior and Evolution Society Annual Meeting, McMaster University
- 1992 Department of Psychology, University of Winnipeg
- 1992 Department of Psychology, McMaster University
- 1992 Department of Zoology, McGill University
- 1993 Department of Psychology, University of British Columbia
- 1993 APA 101st Annual Convention, Toronto, Ontario
- 1993 XXIII International Ethological Congress, Torremolinos, Spain
- 1994 Department of Psychology, University of Waterloo
- 1994 Department of Psychology, University of Toronto
- 1994 McDonnell Summer Institute in Cognitive Neurosciences, Davis CA
- 1994 XXI International Ornithological Congress, Vienna
- 1995 Michigan State University, East Lansing MI
- 1995 Rockefeller University
- 1995 Conference on Navigation, Company of Biologists, Cambridge
- 1995 Department of Psychology, Concordia University
- 1996 Centre for the Integrative Study of Animal Behavior, University of Indiana
- 1996 McDonnell Summer Institute in Cognitive Neurosciences, Dartmouth NH.
- 1996 Symposium on a Synthetic Approach to Animal Cognition, Flagstaff AZ.
- 1996 Ciba Foundation Symposium on Characterizing Human Psychological Adaptations, London UK.
- 1996 The Wellcome Centre for Medical Science, London UK
- 1997 The Banff Annual Seminar in Cognitive Science, Banff AL.
- 1998 Summer Institute in Cognitive Neuroscience, Lake Tahoe CA.
- 1998 22nd International Ornithological Congress, Durban South Africa.
- 1999 Department of Biology, Eastern Michigan University
- 1999 Symposium on Cognitive Neuroethology, Mid-Western Animal Behaviour Society, Bowling Green University, Bowling Green OH
- 1999 Royal Botanical Gardens
- 2000 The Winter Animal Behavior Conference, Jackson Hole, WY
- 2000 Lake Ontario Vision Establishment, Niagara Falls, ON
- 2000 Behaviour, Cognition and Neuroscience Program, University of Windsor, Windsor ON

- 2000 Royal Botanical Gardens and Bird Studies Canada
 2000 Science and Technology Endowment Program, Sir Wilfrid Laurier University
 2001 Department of Zoology, University of Western Ontario
 2001 3rd International Conference on Cognitive Science, Beijing
 2002 Department of Psychology, University of Toronto
 2002 Midwestern Psychological Association, Chicago
 2002 London Neurosciences Group Symposium, London
 2003 Winter Animal Behavior Conference, Jackson Hole WY
 2003 Royal Dutch Zoological Society, Leiden, The Netherlands
 2003 Department of Zoology, University of Utrecht, The Netherlands
 2004 Winter Animal Behavior Conference, Breckenridge CO
 2004 Symposium in Honour of B.G. Galef, McMaster University
 2004 Brain, Cognition and Social Intelligence Symposium, Utrecht, The Netherlands
 2004 Department of Psychology, McMaster University
 2005 Winter Animal Behaviour Conference, Steamboat Springs CO
 2005 Conference on Evolution and Behavior of the *Paridae*, Snowbird UT
 2006 Department of Psychology, University of Guelph, Guelph ON
 2007 Department of Psychology, University of Toronto, Toronto ON
 2009 Winter Animal Behavior Conference, Steamboat CO
 2009 Department of Biology, Knox College, Galesburg IL
 2009 XXXIst International Ethology Congress, Rennes France
 2010 Department of Psychology, University of Toronto, Toronto ON
 2010 The Michigan Conference on Consumption, University of Michigan, Ann Arbor MI
 2010 Department of Psychology, Johns Hopkins University, Baltimore MD
 2011 Southern Ontario Neuroscience Association, Guelph ON
 2011 Department of Psychology, University of Michigan, Ann Arbor MI
 2011 Universidade Federal do Pará, Belém, Brazil
 2012 Department of Psychology, Wilfrid Laurier University, Waterloo ON
 2012 Department of Psychology, Emory University, Atlanta GA
 2012 Southern Society for Psychology and Philosophy, Savannah GA
 2012 Nature in the City, Nature London, London ON
 2013 Department of Mechanical and Materials Engineering, Western University
 2013 Ontario Ecology, Ethology & Evolution Colloquium, Western University
 2013 Universidade Federal do Oeste do Pará, Oriximiná Brazil

Media

- Interview. (March 5, 1983), CBC Radio, Quirks and Quarks.
 Interview. (April 25, 1984), CBC Radio, Morningside.
 Interview. (April 19, 1984), Strauss, S. *Globe and Mail*, p.L11.
 Profile. (1984). How *Animals Behave*, National Geographic Society. Washington, D.C., p.92.
 Interview. (November 2, 1988), CTV, Lifetime.
 Interview (Jan/Feb 1989), Kershaw, A. *Equinox*, 8, pp.83-90.
 Interview (March 8, 1989), CFTO-TV, News.
 Interview (December 19, 1989), CIUT-FM.
 Interview (September, 1990) *Discover*, 11, p. 16.
 Interview (January, 1991) *Current Science*, 76, p.4.

- Interview (January 28, 1997) @*discovery.ca* The Discovery Channel
- Interview (March 8, 2000) Weidner, J. *The Online Reporter*
- Interview (September 18, 2003) M. Tjaden *Bionieuws*, Utrecht, The Netherlands
- Report (August 23, 2006) CanWest Global Television
- Interview (August 24, 2006) CBC Radio 1
- Report (August 26, 2006) McLroy, A. *Globe & Mail* p. F10
- Report (September, 2006) Quirks & Quarks CBC Radio 1
- Report Skorupski, P. & Chittka, L. (2006). Animal cognition: an insect's sense of time? *Current Biology* 16, R851-R853. (October 10, 2006)
- Report (October 11, 2006) Ottawa Sun
- Report (January 28, 2011) Advanced Facility for Avian Research *Science* 331, 395-397.
- Interview (January 20, 2013) Research of PhD student M. Guigueno *Découverte*, Radio-Canada television broadcast.