

## CURRICULUM VITAE

**Bennett G. Galef, Jr.**

**Business Address:**

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**Personal Information**

Dual citizen of Canada and U.S.A.  
 Married to Mertice M. Clark, Canadian

**Educational Background**

Degree	Institution	Year	Field
B.A.	Princeton University	1962	Psychology
M.A.	University of Pennsylvania	1964	Experimental Psychology
Ph.D.	University of Pennsylvania	1968	Physiological & Comparative Psychology

**Grants at McMaster University**

McMaster University Research Board Grants, 1968, 1969, 1972, 1977, 1979-1981, 1983-1992.

National Research Council of Canada grant APA-307. Agonistic behaviour in wild, domesticated, and septally lesioned Norway rats, 1969-1971.

National Research Council of Canada grant A-0307. Weaning and aggressive behaviour in wild rats. 1971-1974.

National Research Council of Canada grant A-0307. The social and aggressive behaviour of wild rats. 1974-1977.

National Research Council of Canada grant A-0307. Social transmission of acquired behaviour. 1977-1980.

Natural Sciences and Engineering Research Council of Canada grant A-0307. Development of social attachment in rats. 1980-1983.

Natural Sciences and Engineering Research Council of Canada grants A-0307 and E5737. The rat burrow as information-centre. 1983-1986.

Natural Sciences and Engineering Research Council of Canada grants A-307, IC0255 and E0262. Social feeding and diet sampling in rats. 1986-1989.

Natural Sciences and Engineering Research Council of Canada grants A-307 and EQP0038199. Social feeding and social foraging in animals. 1989-1992.

Natural Sciences and Engineering Research Council of Canada grants OGP0000307 and EQP0123733. Social influences on the feeding behaviour of Norway rats. 1992-1996.

Human Frontier Science Program (with C.M. Heyes). Workshop on Social Learning and Tradition in Animals, 1994.

Natural Sciences and Engineering Research Council of Canada grants OGP0000307 and EQPO187099. Social learning and tradition in animals. 1996-2001.

Natural Sciences and Engineering Research Council of Canada grant #307-2001. Social influences on the food choices of rats and mate choices of quail. 2001-2006.

NIAAA Exploratory and Development Grant (with N.E. Spear). Early experience and adolescents' responses to ethanol. 2001-2005.

### **Professional Associations**

AAAS (Fellow)	American Society for Mammalogists
APA (Fellow, Divisions 6 & 3)	International Society for
APS (Fellow)	Developmental Psychobiology
CPA (Fellow)	International Society for
EPA	Comparative Psychology
Animal Behavior Society (Fellow)	Society for the Study of Ingestive Behavior
Psychonomic Society	International Society for
Sigma Xi	Behavioural Ecology
	Canadian Society for Brain,
	Behaviour and Cognitive Science

### **ACADEMIC POSITIONS**

McMaster University	Visiting Professor
Department of Psychology	Department of Psychology
Assistant Professor	University of Colorado
July, 1968 - July, 1972	January - December, 1981
Associate Professor	January - September, 1984
July, 1972 - July 1978	January - September, 1987
Professor	January - September, 1989
July, 1987 - January, 2003	January - September, 1993
Emeritus Professor	
January, 2003 - present	

Visiting Scientist  
Smithsonian Tropical Research Institute  
Barro Colorado Island, Panama  
May - Dec., 1974

Visiting Professor  
Department of Physiology  
University of New England  
Armidale, NSW, Australia  
June - Aug., 1985

Affiliated Scientist  
Monell Chemical Senses Center  
Sept., 1987 - Aug., 1996

Visiting Professor  
Department of Zoology  
University of Tel Aviv  
July - Aug., 1986

Visiting Scholar  
Department of Psychology  
Macquarie University  
April, 2005

Associate Member  
Department of Biology  
McMaster University  
September, 1982 - Present

## HONOURS

AB degree awarded Magna cum Laude  
Elected to Phi Beta Kappa  
Elected to Sigma Xi  
Elected Fellow of Division 6 of the American Psychological Association  
Elected Fellow of Division 3 of the American Psychological Association  
Elected Fellow of the Canadian Psychological Association  
Elected Fellow of the American Association for the Advancement of Science  
Elected Fellow of the American Psychological Society  
Awarded the Denver Wildlife Center of the United States Department of  
Agriculture Citation for Outstanding Publication  
Elected to the Board of Directors of the McMaster Museum of Art  
Elected Fellow of the Animal Behavior Society  
Elected President of the Animal Behavior Society  
Lifetime Contribution Award: St. Andrews University

## SERVICES TO THE SCIENTIFIC COMMUNITY

Member, Grant Selection Committee, Psychology Section, Natural Sciences and Engineering Research Council of Canada, 1978-1981, 2002-2002.

Member, Ontario Graduate Scholarships Selection Committee, 1978; Panel Chairman, 1987, 1988.

Founder and Co-organizer, Winter Animal Behavior Conferences, 1978-1984, 1998, 2003.

Member, Dean's Committee of Evaluation, Memorial University, St. John's Newfoundland, April, 1980.

Member, Board of Directors: International Society for Developmental Psychobiology,

1983-1986.

Guest Editor: *Appetite*, 6(4), 1985.

Member, American Psychological Association Search Committee for the editor of the *Journal of Comparative Psychology*, 1986 -1987, 1998 -1999.

Member, Advisory Council of the Department of Psychology, Princeton University, 1986 -1993.

Member, Ad Hoc Ethics Committee of the Animal Behavior Society, 1986 -1987

Member, Ad Hoc Committee of the Provost of Columbia University, 1988

Member-at-large, Executive Committee, Animal Behavior Society, 1991-1994

Co-Director (with M. Mainardi), International School of Ethology Workshop, "Ontogeny and social transmission of food preferences in mammals: basic and applied research." Ettore Majorana Centre for Scientific Culture, Erice, Sicily: June 8 -13, 1992.

Co-organizer (with S. Clarke and S. Yoerg) of an invited symposium "Comparative Psychology of Animal Behavior" at the annual meeting of the Animal Behavior Society, Kingston, Ont., June, 1992.

Chair, Program Committee of Division 6 of the American Psychological Association, 1993.

Member, Executive Committee of Division 6 of the American Psychological Association, 1993.

Co-organizer (with Cecilia Heyes) "Social learning and tradition in animals" funded by the Human Frontier Science Program, Madingly, UK. August, 22 - 26, 1994.

Topic Area Chair, Program Committee, XXVI<sup>th</sup> International Congress of Psychology, 1994 - 1996.

Member: Ad hoc Investments Committee, Animal Behavior Society, 1994, 1997-1998, Chair, 1999 – Present.

Chair, ABS-ASAB, Liaison Committee of the Animal Behavior Society, 1997-2000, Member 2000-2003.

Ex-officio Member, Executive Committee of the Animal Behavior Society, 1997-2005.

2<sup>nd</sup> President-elect. Animal Behavior Society, 2001.

1<sup>st</sup> President-elect. Animal Behavior Society, 2002.

President, Animal Behavior Society, 2003.

Past-President, Animal Behavior Society, 2004 - 2005.

Organizer of an invited symposium. Social learning and imitation at the annual meeting of the Midwestern Psychological Association. Chicago, IL, May, 2003.

Canadian representative to the International Council of Ethology, 2003.

Participant in the Cornell University Laboratory of Ornithology Metadata Conference, Ithaca, New York, April, 2004.

Guest Editor (with Celia Heyes): *Learning & Behaviour*, 32(1), 2004.

Host of the 2006 Annual Meeting of the Animal Behavior Society, Snowbird, Utah

### **Editorial Boards**

*Developmental Psychobiology*, Editorial Board, 1979 -1995

*Learning and Motivation*, Associate Editor, 1982 - 2000

*Appetite*, Editorial Advisory Board, 1983 -1999, Advisory Editor, 2000 - 2007

*Animal Behaviour*, Editorial Board, 1985-1988, Associate Editor, 1994 -1997,  
Editor 1997-1998, Executive Editor, 1998-2000, Editorial Board, 2000 - 2006

*Journal of Comparative Psychology*, Consulting Editor, 1988 - 2010

*Canadian Journal of Experimental Psychology*, Editorial Board, 1989 - 1996

*Ethology, Ecology and Evolution*, Editorial Advisory Board, 1995 -

*Foundations of Animal Behavior*, University of Chicago Press. Editorial Board, 1995.

*Evolution of Communication*, Editorial Board, 1996 -2003

*Animal Learning & Behavior*, Consulting Editor, 1997 - 2002

*Science Magazine*, **inSight**, Editorial Board, 1998 - 2000

*Learning & Behavior*, Consulting Editor, 2003 - 2007

*Current Nutrition Reviews*, Editorial Board Member, 2004-

### **Consultations**

Union Carbide Corp., Home Products Division, 1985 -1987

CSIRO Pastoral Research Laboratory, Armidale, NSW, Australia, 1985

Department of Zoology, University of Tel Aviv, Israel, 1986

Monell Chemical Senses Center, 1991-1994

U.S. Department of the Interior, Fish and Wildlife Service, 1993

Pegasus Computer Systems, Inc., 1994 -1998

Serendipity Point Films, 2000

## PUBLICATIONS

### Submitted

Galef, B. G., Jr., Lim, T. C. W. & Galef, B. G., Jr. Evidence of mate-choice copying in Norway rats. Submitted, *Animal Behaviour*, May 22, 2007.

Laland, K. N. & Galef, B. G., Jr. Introduction. In: *The Question of Animal Culture*, K. N. Laland & B. G. Galef, Jr. (Eds.). Submitted, Cambridge: Harvard University Press, October 31, 2006.

Galef, B. G., Jr. Culture in animals. In: *The Question of Animal Culture*, K. N. Laland & B. G. Galef, Jr. (Eds.). Submitted, Cambridge: Harvard University Press, September 14 2006.

### In Press

Galef, B. G., Jr., Dudley, K. E. & Whiskin, E. E. Social learning of food preferences in 'dissatisfied' and 'uncertain rats'. Submitted, *Animal Behaviour*, In press June, 21, 2007.

Galef, B. G., Jr. & Whiskin, E. E. Use of social information by sodium- and protein-deficient rats: a test of a prediction (Boyd & Richerson 1988). In press, *Animal Behavior*, June 7, 2007.

Galef, B. G., Jr. Crying in the wilderness. *International Journal of Comparative Psychology*, in press, January 30, 2007.

Galef, B. G., Jr. Maternal influences on offspring food preferences and feeding behaviors in mammals. In: *Maternal Effects in Mammals*, D. Maestripieri & J. Mateo (Eds.). University of Chicago Press, in press, September 19, 2006.

### 2007

Galef, B.G., Jr. 2007. Social learning in rodents. In: *Rodent Societies*, P.W. Sherman & J. Wolff (Eds.), pp. 207-215. Chicago: University of Chicago Press,.

### 2006

Galef, B. G., Jr. Watkins, S. J. & Salehi, P. Effects of enclosure size on sexual behavior of Japanese quail: results from closely confined individuals generalize to larger spaces. In press, *Journal of Comparative Psychology*, 2006, 120, 435-437.

Galef, B. G., Jr., Pretty, S. & Whiskin, E. E. Failure to find aversive marking of toxic foods by Norway rats. *Animal Behaviour*, 2006, 72, 1427-1436.

Galef, B. G., Jr. & Whiskin, E. E. Increased reliance on socially acquired information while foraging in risky situations. *Animal Behaviour*, 2006, 72, 1169-1176.

Galef, B. G., Jr. Theoretical and empirical approaches to understanding when animals use

socially acquired information and from whom they acquire it. Lucas, J.R. & Simmons, L. (Eds.) *Essays in Animal Behaviour: Celebrating 50 years of Animal Behaviour* (pp. 161-182). San Diego: Academic Press.

Clark, M. M., Stiver, K. A., Teall, T. & Galef, B. G., Jr. Nursing one litter of Mongolian gerbils while pregnant with another: effects on daughters mate attachment and fecundity. *Animal Behaviour*, 71, 235-241, 2006.

Galef, B. G., Jr. Traditions in animals. *Encyclopedia of Language and Linguistics, Vol. 12*, (pp.12-15).Oxford: Elsevier, 2006.

## 2005

Persaud, K. N. & Galef, B. G., Jr. Female Japanese quail (*Coturnix japonica*) mated with males that harassed them are unlikely to lay fertilized eggs. *Journal of Comparative Psychology*, 2005,119, 440-446.

Persaud, K. N. & Galef, B. G., Jr. Eggs of a female quail are more likely to be fertilized by a male that she prefers. *Journal of Comparative Psychology*, 119, 251-256, 2005.

Galef, B. G., Jr., Lee, W. Y. & Whiskin, E. E. Lack of interference effects in long-term memory for socially learned food preferences, *Journal of Comparative Psychology*, 119, 131-135, 2005.

Galef, B. G., Jr., Whiskin, E. E. & Dewar, G. A new way to study teaching in animals: despite demonstrable benefits, rat dams do not teach their young what to eat. *Animal Behaviour*, 70, 91-96, 2005.

Griffin, A. S. & Galef, B. G., Jr. Social learning about predators: does timing matter? *Animal Behaviour*, 69, 669-678, 2005.

Galef, B. G., Jr. & Laland, K. N. Social learning in animals: empirical studies and theoretical models. *Bioscience*, 55, 489-499, 2005.

Galef, B. G., Jr. Untitled. Invited review of *The Behavior of Animals: Mechanism, Function and Evolution*. Edited by Johan J. Bolhuis and Luc-Alain Giraldeau. Oxford: Blackwell (2005), Pp. xvii+515. Price 69.95 in paper. *Animal Behaviour*, 69, 1224-1225.

Galef, B. G., Jr. & Whiskin, E. E. Differences between golden hamsters and Norway rats in preference for the sole diet that they are eating. *Journal of Comparative Psychology*, 119, 8-13, 2005.

Ophir, A. G., Persaud, K. N. & Galef, B. G., Jr. Avoidance of relatively aggressive male Japanese quail (*Coturnix japonica*) by sexually experienced conspecific males. *Journal of Comparative Psychology*, 119, 3-7, 2005.

Galef, B.G., Jr. Breathing new life into studies of animal imitation. In Hurley, S. & Chater, N. (Eds.) *Perspectives on Imitation: from Mirror Neurons to Memes. Vol. 1.* pp. 295-296. Cambridge: MIT Press, 2005.

Galef, B.G., Jr. How to analyze learning by imitation. In Hurley, S. & Chater, N. (Eds.) *Perspectives on Imitation: from Mirror Neurons to Memes. Vol. 1.* pp. 218-219. Cambridge: MIT Press, 2005.

Galef, B. G., Jr. Social influences on the food choices of animals. *Compendium for Continuing Education for the Practicing Veterinarian: Supplement. 27*, 51-55, 2005.

Galef, B.G., Jr. Social learning. In: *The Behavior of the Laboratory Rat: a Handbook with Tests.* I.Q. Whishaw & B. Kolb (Eds.), pp. 363-370. Oxford: Oxford University Press 2005.

## 2004

Clark, M.M., & B.G. Galef, Jr. The intrauterine position effect. In *Encyclopedia of Animal Behavior*, Vol. 2. (Ed. by M. Bekoff), Westport: Greenwood Publishing (pp. 491-495), 2004.

Galef, B.G., Jr. Social learning. In: *Encyclopedia of Animal Behavior*, Vol. 2. (Ed. by M. Bekoff), Westport, CT: Greenwood Publishing (pp. 711-715), 2004.

Persaud, K.N. & Galef, B.G., Jr. Fertilized female quail avoid conspecific males: Female tactics when potential benefits of new sexual encounters are reduced. *Animal Behaviour*, 68, 1411-1416, 2004.

Honey, P.L., & Galef, B.G., Jr. Long-lasting effects of rearing by an ethanol-consuming dam on voluntary ethanol consumption by rats. *Appetite*, 43, 261-268, 2004.

Ophir, A.G. & Galef, B.G., Jr. Sexual experience can affect use of public information in mate choice. *Animal Behaviour*, 68, 1221-1222, 2004.

Galef, B.G., Jr. & Jeimy, S. Ultrasonic vocalizations and social learning of food preferences by female Norway rats. *Animal Behaviour*, 2004, 68, 483-487.

Galef, B. G., Jr. & Whiskin, E. E. Effects of environmental stability and demonstrator age on social learning of food preferences by young Norway rats. *Animal Behaviour*, 2004, 68, 897-902.

Clark, M. M., Johnson, J. & Galef, B.G., Jr. Sexual motivation suppresses paternal behaviour in male gerbils during their mates' postpartum oestrus. *Animal Behavior*, 2004, 67, 490-57.

Galef, B.G., Jr. Approaches to the study of traditional behaviors of free-living animals. *Learning & Behavior*, 2004, 32, 53-61.

Galef, B.G., Jr. & Heyes, C.M. (Eds.) Social learning and imitation. Special Issue of *Learning & Behavior*, 2004, 32(1), 1-140.

Galef, B.G., Jr. & Heyes, C.M. Introduction. *Learning & Behavior*, 2004, 32, 1-3.

Galef, B.G., Jr. Interview with Dr. Bennet (Jeff) Galef in L.A. Dugatkin, *Principles of Animal Behavior*, 2004, 170-171, New York: Norton.

Galef, B.G., Jr. Complexity, like beauty, may lie in the eye of the beholder. Solicited review of *Animal Social Complexity: Intelligence, Culture and Individualized societies* (F. B. M. de Waal & P. L. Tyack (Eds.) Cambridge: Harvard University Press. *Bioscience*, 2004, 54, 262-264.

Honey, P.L., Varley, K.R. & Galef, B.G., Jr. Effects of ethanol consumption by female rats on subsequent consumption by adolescents. *Appetite*, 2004, 42, 299-306.

## 2003

Clark, M.M., Whiskin, E.E. & Galef, B.G., Jr. Mongolian gerbil fathers avoid newborn male pups, but not newborn female pups: olfactory control of early parental behaviour. *Animal Behaviour*, 2003, 66, 441-447.

Galef, B.G., Jr. Social learning: promoter or inhibitor of innovation. In S. Reader & K.N. Laland (Eds.), *Animal Innovation*, Cambridge: Cambridge University Press, 2003, pp. 137-155.

Levy, F., Melo, A., Galef, B.G., Jr., Madden, M. & A. Fleming. Complete maternal deprivation affects social but not non-social learning in adult rats. *Learning & Cognition*, 2003, 43, 177-191.

Ophir, A.G., & Galef, B.G., Jr. Female Japanese quail that eavesdrop on fighting males prefer losers to winners. *Animal Behaviour*, 2003, 66, 399-407.

Ophir, A.G. & Galef, B.G., Jr. Female Japanese quail affiliate with live males they have seen mate on video. *Animal Behaviour*, 2003, 66, 369-375.

Galef, B.G., Jr. Traditional behaviors of brown and black rats (*R. norvegicus* and *R. rattus*). In S. Perry and D. Fragaszy (Eds.). *The Biology of Traditions: Models and Evidence*. Chicago: University of Chicago Press, 2003, pp. 159-186.

Galef, B.G., Jr. & Whiskin, E.E. Socially transmitted food preferences can be used to study long-term memory in rats. *Learning & Behavior*, 2003, 31, 160-164.

Honey, P.L. & Galef, B.G., Jr. Ethanol consumption by rat dams during gestation, lactation and weaning enhances voluntary ethanol consumption by their adolescent young. *Developmental Psychobiology*, 2003, 42, 252-260.

Galef, B.G., Jr. & Whiskin, E.E. Preference for novel flavors in adult Norway rats (*Rattus norvegicus*). *Journal of Comparative Psychology*, 2003, 117, 96-100.

Ratcliffe, J.M., Fenton, M.B. & Galef, B.G., Jr. An exception to the rule: vampire bats do not learn flavour-aversions. *Animal Behaviour*, 2003, 65, 385-389.

Galef, B.G., Jr. Animal social learning. *Encyclopedia of Cognitive Sciences*, Vol. 4, Article A0721, pp. 74-80. London: Macmillan. 2003.

Galef, B.G., Jr. The ecology of learning and memory. *Encyclopedia of Cognitive Sciences*, Vol. 2, Article A0530, pp. 813-818. London: Macmillan. 2003.

Persaud, K.N. & Galef, B.G., Jr. Female Japanese quail aggregate to avoid sexual harassment by conspecific males: A case of conspecific cueing. *Animal Behaviour*, 2003, 65, 89-94.

Galef, B.G., Jr. & Rozin, P. Food aversion and preference learning in humans. In J. H. Byrne (Ed.) *Encyclopedia of Learning & Memory*, pp. 147-149. New York: Macmillan, 2003.

## 2002

Clark, M.M. & Galef, B.G., Jr. Socially induced delayed reproduction in female Mongolian gerbils: Is there anything special about dominant females? *Journal of Comparative Psychology*, 2002, 116, 363-368.

Galef, B.G., Jr. Social learning of food preferences in rodents: A rapidly learned appetitive behavior. *Current Protocols in Neuroscience*, 2002, 8.5 D1-8.5 D.8.

Galef, B.G., Jr. Social influences on food choices of Norway rats and mate choices of Japanese quail. *Appetite*, 2002, 39, 179-180.

Clark, M.M., Moghaddas, M. & Galef, B.G., Jr. Age at first mating affects parental effort and fecundity of female Mongolian gerbils. *Animal Behaviour*, 2002, 63, 1129-1134.

## 2001

Galef, B.G., Jr. Social influences on the food choices of Norway rats and the mate choices of Japanese quail. *International Journal of Comparative Psychology*, 2001, 14, 1-24.

Galef, B. G., Jr. Untitled. Solicited review of Avital, E. & Jablonka, E. *Animal Traditions: Behavioural Inheritance in Evolution*. Cambridge: Cambridge University Press. *Ethology*, 2001, 107, 667-668.

Clark, M.M. & Galef, B.G., Jr. Socially-induced infertility: Familial effects on reproductive development of female Mongolian gerbils. *Animal Behaviour*, 2001, 62, 897-903.

Galef, B.G., Jr. Analyses of social learning processes affecting animal's choices of foods and mates. *Mexican Journal of Behavior Analysis*, 2001, 27, 145-164.

Galef, B.G., Jr. Social learning and imitation in animals. In P.P.G. Bateson & E. Alleva, (Eds.) *Frontiers of Life Vol. 4: Biology of Behavior*. Pp. 261-269. San Diego: Academic Press.

Clark, M.M., Liu, C. & Galef, B.G., Jr. Effects of consanguinity, exposure to pregnant females, and exposure to pups on parental responses of male gerbil. *Developmental Psychobiology*. 2001, 39, 257-264.

Clark, M.M. & Galef, B.G., Jr. Age-related changes in paternal responses of gerbils parallel changes in their testosterone levels. *Developmental Psychobiology*, 2001, 39, 179-187.

Galef, B.G., Jr. & Whiskin, E.E. Effects of caloric, protein, and sodium deprivation on affiliative behavior of Norway rats. *Journal of Comparative Psychology*, 2001, *115*, 192-195.

Galef, B.G., Jr. & Whiskin, E.E. Interaction of social and asocial learning in food preferences of Norway rats. *Animal Behaviour*, 2001, *62*, 41-46.

Galef, B.G., Jr. Where's the beef? Evidence of culture, imitation and teaching in cetaceans? *Behavioral and Brain Sciences*, 2001, *24*, 335.

Galef, B.G., Jr., Marcziński, C.A., Murray, K.A. & Whiskin, E.E. Studies of food stealing by young Norway rats. *Journal of Comparative Psychology*, 2001, *115*, 16-21.

Galef, B.G., Jr., & Giraldeau, L.-A. Social influences on foraging in vertebrates: behavioural mechanisms and adaptive functions. *Animal Behaviour*, 2001, *61*, 3-15.

## 2000

Galef, B.G., Jr. & Whiskin, E.E. Social exploitation of intermittently available foods and the reinduction of preference. *Animal Behaviour*, 2000, *60*, 611-615.

Galef, B.G., Jr., & White, D.J. Social effects on mate choice in vertebrates. Solicited review. *Behavioural Processes*, 2000, *51*, 167-175.

Galef, B.G., Jr. & Whiskin, E.E. Demonstration of a socially transmitted flavor aversion in rats? Kuan & Colwill (1997) revisited. *Psychonomic Bulletin & Review*, 2000, *7*, 631-635.

Galef, B.G., Jr. & Sorge, R.E. Use of PVC conduits by rats of various strains and ages housed singly and in pairs. *Journal of Applied Animal Welfare Science*, 2000, *3*, 279-292.

Galef, B.G., Jr. Solicited review of *Mammalian Social Learning: Comparative and Ecological Perspectives*. Ed. by Box, H.O., & Gibson, V.R. *Quarterly Review of Biology*, 2000, *75*, 494.

Galef, B.G., Jr., & Whiskin, E.E. Social influences on the amount of food eaten by Norway rats. *Appetite*, 2000, *34*, 327-332.

White, D.J. & Galef, B.G. Jr. 'Culture' in quail: Social influences on mate choices of female *Coturnix japonica*. *Animal Behaviour*, 2000, *59*, 975-979.

White, D.J., & Galef, B.G., Jr. Differences between the sexes in direction and duration of response to seeing a potential sex partner mate with another. *Animal Behaviour*, 2000, *59*, 1235-1240.

Clark, M.M. & Galef, B.G., Jr. Why some Mongolian gerbils may help at the nest; testosterone, asexuality and alloparenting. *Animal Behaviour*, 2000, *59*, 801-806.

Clark, M.M., & Galef, B.G., Jr. Effects of experience on the parental responses of male Mongolian gerbils. *Developmental Psychobiology*, 2000, *36*, 177-185.

## 1999

- Galef, B.G., Jr. Apprendimento sociale e imatazione. In P. Bateson & E. Alleva (Eds.) *Frontiere della Vita. Vol 4: Il Mondo dei Viventi*. Pp. 253-262. Roma: Istituto della Enciclopedia Italiana, 1999.
- Clark, M.M. & Galef, B.G., Jr. A testosterone mediated trade-off between parental and sexual effort in male Mongolian gerbils (*Meriones unguiculatus*). *Journal of Comparative Psychology*, 113, 388-395, 1999.
- vom Saal, F.S., Clark, M.M., Galef, B.G., Jr., Drickamer, L., & Vandenberg, J. The intrauterine position (IUP) phenomenon. In E. Knobil & J.D. Neill (Eds.). *Encyclopedia of Reproduction, Vol. 2*, San Diego: Academic Press, 1999, 893-900.
- Galef, B.G., Jr. Is there a specific appetite for protein? In H.R. Berthoud and R.J. Seeley (Eds.) *Neural and Metabolic Control of Macronutrient Selection* (pp. 19-28). Boca Raton, FL: CRC Press, 1999.
- Galef, B.G., Jr. Environmental enrichment for laboratory rodents: animal welfare and the methods of science. *Journal of Animal Welfare Science*, 1999, 2, 267-280.
- White, D.J. & Galef, B.G., Jr. Affiliative preferences are stable and predict mate choices in both sexes of Japanese quail, *Coturnix japonica*. *Animal Behaviour*, 1999, 58, 865-871.
- Galef, B.G., Jr., Whiskin, E.E. & Horn, C.S. What observer rats don't learn about foods from demonstrator rats. *Animal Learning & Behavior*, 1999, 27, 316-322.
- White, D.J. & Galef, B.G., Jr. Social effects on mate choices of male Japanese quail, *Animal Behaviour*. 1999, 57, 1005-1012.
- Galef, B.G., Jr. Use of public information when foraging: effects of time available to sample foods. *Animal Cognition*, 1999, 2, 103-107.
- Galef, B.G., Jr. A free lunch!? Should you post your "publishable" articles on the www? *Animal Behaviour Society Newsletter*, 1999, 44, 5-6. Also published as: Barnard, C.J., & Galef, B.G., Jr. A free lunch!? Should you post publishable articles on the www? *Newsletter of the Association for the Study of Animal Behaviour*, 1999, 37, 27.
- White, D.J. & Galef, B.G., Jr. Mate-choice copying and conspecific cueing in Japanese quail, *Coturnix coturnix japonica*. *Animal Behaviour*, 1999, 57, 465-473.
- 1998**
- Clark, M.M., Santamaria, B.T., Robertson, R.K. & Galef, B.G., Jr. Effects of gonadectomy in infancy and adulthood on handedness in male and female Mongolian gerbils. *Behavioral Neuroscience*, 1998, 112, 1-4.
- Heyes, C.M. & Galef, B.G., Jr. Introduction to the Naples Social Learning Conference. *International Journal of Comparative Psychology*, 1998, 11, 73-92.

- Galef, B.G., Jr. Are we looking at roots of human culture in chimpanzee traditions? A comment on Boesch and Tomasello's chimpanzee and human culture. *Current Anthropology*, 1998, 39, 605-606.
- Galef, B.G., Jr., Rudolf, B., Whiskin, E.E., Choleris, E., Mainardi, M. & Valsecchi, P. Familiarity and relatedness: Effects on social learning about foods by Norway rats and Mongolian gerbils. *Animal Learning & Behavior*, 1998, 26, 448-454.
- White, D.J. & Galef, B.G., Jr. Social influence on avoidance of dangerous stimuli by rats. *Animal Learning & Behavior*, 26, 433-438.
- Barnard, C. & Galef, B.G., Jr. Editorial: A new-look. *Animal Behaviour*, 1998, 55, 1085.
- Galef, B.G., Jr. & Whiskin, E.E. Limits on social influences on food choices of Norway rats. *Animal Behaviour*, 1998, 56, 1015-1020.
- Galef, B.G., Jr. Tradition and imitation in animals. In G. Greenberg and M.M. Haraway (Eds.) *Comparative Psychology: a Handbook*, (pp. 614-622). New York: Garland Publishing, 1998.
- Clark, M.M. & Galef, B.G., Jr. Effects of intrauterine position on the genital morphology and behavior of litter-bearing rodents. *Developmental Neuropsychology*, 1998, 14, 197-211.
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**1981**

Galef, B.G., Jr. Development of flavor preference in man and animals: The role of social and non-social factors. In R.N. Aslin, J.R. Alberts, and M.R. Peterson (Eds.), *Sensory and Perceptual Development: Influences of Genetic and Experiential Factors*. New York: Academic Press, 1981, pp. 411-431.

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Galef, B.G., Jr. The social transmission of food preferences: An adaptation for weaning in rats. *Journal of Comparative and Physiological Psychology*, 1977, 91, 1136-1140.

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**1975**

Galef, B.G., Jr. The social transmission of acquired behavior. *Biological Psychiatry*, 1975, 10, 155-160.

**1973**

Alberts, J.R. & Galef, B.G., Jr. Olfactory cues and movement: Stimuli mediating intraspecific aggression in the wild Norway rat. *Journal of Comparative and Physiological Psychology*, 1973, 85, 233-242.

Galef, B.G., Jr. & Sherry, D.F. Mother's milk: A medium for the transmission of cues reflecting the flavor of mother's diet. *Journal of Comparative and Physiological Psychology*, 1973, 83, 374-378.

**1972**

Galef, B.G., Jr. & Clark, M.M. Mother's milk and adult presence: Two factors determining initial dietary selection by weaning rats. *Journal of Comparative and Physiological Psychology*, 1972, 78, 220-25.

Galef, B.G., Jr. & Henderson, P.W. Mother's milk: A determinant of the feeding preferences of weaning rat pups. *Journal of Comparative and Physiological Psychology*, 1972, 78, 213-219.

Clark, M.M. & Galef, B.G., Jr. The effects of forced nest-site feeding on the food preferences of wild rat pups at weaning. *Psychonomic Science*, 1972, 28, 173-175.

**1971**

Galef, B.G., Jr., & Clark, M.M. Social factors in the poison avoidance and feeding behavior of wild and domesticated rat pups. *Journal of Comparative and Physiological Psychology*, 1971, 75, 341-357.

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Alberts, J.R. & Galef, B.G., Jr. Acute anosmia in the rat: A behavioral test of a peripherally-induced olfactory deficit. *Physiology & Behavior*, 1971, 6, 619-621.

Galef, B.G., Jr. & Clark, M.M. Parent-offspring interactions determine time and place of first ingestion of solid food by wild rat pups. *Psychonomic Science*, 1971, 25, 15-16.

**1970**

Galef, B.G., Jr. Aggression and timidity: Responses to novelty in feral Norway rats. *Journal of Comparative and Physiological Psychology*, 1970, 71, 370-381.

Galef, B.G., Jr. Target novelty elicits and directs shock-associated aggression in wild rats. *Journal of Comparative and Physiological Psychology*, 1970, 71, 87-91.

Galef, B.G., Jr. Stimulus novelty as a factor in the intra-specific pain-associated aggression of domesticated rats. *Psychonomic Science*, 1970, 18, 21-22.

Galef, B.G., Jr. Familiarity of target location as a factor in the shock-associated aggression of wild rats. *Psychonomic Science*, 1970, 19, 299-300.

### Papers Abstracted in Conference Proceedings

- Galef, B.G., Jr. The effects of amygdectomy on timidity and aggression in the wild rat. Paper presented at the Eastern Psychological Association Convention, Philadelphia, 1969.
- Galef, B.G., Jr. Wild rat pups avoid an unpoisoned base diet on which their parents have been poisoned. Paper presented at the Eastern Psychological Association Convention, Atlantic City, 1970.
- Galef, B.G., Jr. & Henderson, P.W. Weaning rat pups prefer the diet their mother eats during lactation. Paper presented at the Eastern Psychological Association Convention, Atlantic City, 1971.
- Sherry, D.F. & Galef, B.G., Jr. Mother's milk and learned aversions in weanling rats. Paper presented at the Eastern Psychological Association Convention, Boston, 1972.
- Galef, B.G., Jr. The social transmission of acquired behavior. Invited paper, Developmental Psychobiology meetings, Boston, 1974.
- Nord, S. & Galef, B.G., Jr. Discriminated flight response of the domestic rat to auditory stimuli may be socially transmitted. Paper presented at the Psychonomic Society convention, Denver, 1974.
- Galef, B.G., Jr. Mechanisms for the social transmission of acquired patterns of feeding from adult to weanling rats. Paper presented at the meeting of the Animal Behavior Society, Wilmington, N.C., 1975.
- Galef, B.G., Jr. Social transmission of an acquired discriminated avoidance. Paper presented at the XIVth International Ethology Congress, Parma, Italy, 1975.
- Galef, B.G., Jr. Contradictions in experimental investigations of the domestication process. Invited paper. Northeast Regional Animal Behavior Society meetings, Halifax, 1975.
- Galef, B.G., Jr. The social transmission of behavior. Invited paper, Winter Conference on *Brain Research*, Keystone, Colorado, 1976. Reported in Brain Information Service Conference Report, 1976, 44, 33-36.
- Galef, B.G., Jr. Non-nurturant functions of mother-young interaction. Invited paper, Canadian Psychological Association convention, Toronto, 1976.
- Galef, B.G., Jr. Social transmission of food preferences in adult and juvenile rats. Paper presented at the Northeast Regional Animal Behavior Society meetings, New York, 1976.
- Galef, B.G., Jr. Experimental approaches to the study of animal development. Invited symposium organizer and discussant, Canadian Psychological Association convention, Vancouver, 1977.
- Galef, B.G., Jr. A laboratory course in Animal Behavior. Invited paper. Animal Behavior Society Meetings. State College, Pennsylvania, 1977.

- Galef, B.G., Jr. Novel taste facilitation of the association of visual cues with toxicosis in rats. Invited paper. Winter Animal Behavior Conference, Jackson Hole, Wyoming, 1979.
- Galef, B.G., Jr. Social transmission of learned diet preferences in wild rats. Invited paper, European Chemoreception Organization minisymposium: Chemoreception and Preference Behavior. Amerika, Holland, 1979.
- Galef, B.G., Jr. Social effects on diet selection in animals and man. Invited paper, Benjamin Franklin Seminar. La Napoule, France, 1979.
- Galef, B.G., Jr. Experimental approaches to the study of social behavior. Invited symposium discussant. Eastern Psychological Association Convention, Philadelphia, 1979.
- Galef, B.G., Jr. The development of preference. Invited symposium discussant, Genetic and experiential determinants of sensory development. Bloomington, Indiana, 1979.
- Dalrymple, A.J., Galef, B.G., Jr., & Osborne, B. Poison avoidance learning to exteroceptive cues in rats: The role of attention. Paper presented at the Canadian Psychological Association meetings. Quebec City, 1979.
- Galef, B.G., Jr., Dalrymple, A.J., & Osborne, B. Can mammals learn to avoid ingesting toxic prey on the basis of their appearance? Paper presented at the XVth International Ethology Congress, Vancouver, B.C., 1979.
- Galef, B.G., Jr. Social transmission of diet preference in rats. Invited paper. Winter Animal Behavior Conference, Steamboat Springs, Colorado, 1980.
- Galef, B.G., Jr. Diving for food: Analysis of a possible case of social learning in wild rats (*Rattus norvegicus*). Paper presented at the Animal Behavior Society meetings, Fort Collins, Colorado, 1980.
- Galef, B.G., Jr. The young mammal: Immature adult or adapted juvenile? Invited symposium discussant, American Psychological Association convention, Montreal, 1980.
- Dalrymple, A.J., & Galef, B.G., Jr. Conditioning of toxicosis to visually distinctive food objects and containers. Paper presented at the American Psychological Association Convention, Montreal, 1980.
- Galef, B.G., Jr. Diving for food: Resource exploitation and social learning in rats. Invited paper. Winter Animal Behavior Conference, Park City, Utah, Jan. 1981.
- Galef, B.G., Jr. Social learning in rats: The illusion and the reality. Invited address. Rocky Mountain Psychological Association Convention, Denver, Colorado, June, 1981.
- Galef, B.G., Jr. Costs and Benefits of mammalian reproduction. Invited paper presented at a symposium on Symbiosis in Parent-Young Interaction, Chicago, IL, Oct. 1981.
- Galef, B.G., Jr. Social transmission of diet preference. Invited address. International Society for Developmental Psychobiology Meetings, New Orleans, Nov. 1981.

- Galef, B.G., Jr. Ontogeny of olfactory control of feeding behavior in rat pups. Invited paper. Winter Animal Behavior Conference, Park City, Utah, Jan. 1982.
- Galef, B.G., Jr. Social learning in rats. Invited Fellow's address. Convention of the American Psychological Association, Washington, D.C., Aug., 1982.
- Galef, B.G., Jr. & Wigmore, S.W. Adult rats can communicate information concerning distant diets. Paper presented to the Eastern Psychological Association, Philadelphia, April, 1983.
- Galef, B.G., Jr. Tradition and social learning in animals. Invited symposium participant, Symposium on Animal Intelligence, National Zoological Park, Washington, D.C., April 1983. Reported in *Bio Science*, 1983, 33, 362-364.
- Galef, B.G., Jr. & Wigmore, S.W. A laboratory investigation of the information center hypothesis in Norway rats (*R. norvegicus*). Paper presented at the meetings of the Animal Behavior Society, Lewisburg, Pa., June, 1983.
- Galef, B.G., Jr. Parental Behavior. Workshop organizer. Winter Animal Behavior Conference, Park City, Utah, Jan., 1984.
- Galef, B.G., Jr. Social transmission of food preferences in rats. Invited symposium participant. New York Academy of Sciences Conference on Experimental Assessments and Clinical Applications of Conditioned Food Aversions. New York City, April, 1984.
- Galef, B.G., Jr. The role of observational learning in the development of adaptive patterns of behavior in animals. Invited Symposium Participant, Animal Behavior Society, Cheyney, Washington, August, 1984.
- Galef, B.G., Jr., & Stein, M. Demonstrator influence on observer diet preference: Analysis of critical social interactions and olfactory signals. Paper presented to the International Society for *Developmental Psychobiology*, Baltimore, October, 1984.
- Galef, B.G., Jr. Constraints on learning. Invited workshop participant. Winter Conference on Animal Learning, Winter Park, Colorado, January, 1985.
- Galef, B.G., Jr. Knowledge from laboratory and field. Invited workshop organizer. Winter Animal Behavior Conference, Park City, Utah, January, 1985.
- Galef, B.G., Jr. Transmission of information concerning distant foods. Invited colloquium. Rocky Mountain Region Neurosciences Group. Denver, Colorado, April, 1985.
- Galef, B.G., Jr. & Wigmore, S.W. Social learning in rats. Invited symposium participant. Midwestern Psychological Association Convention. Chicago, May, 1985.
- Galef, B.G., Jr. Olfactory communication among rats: Information concerning distant diets. Invited paper. Fourth International Conference on Chemical Signals in Vertebrates. Laramie, Wyoming, July, 1985.

Galef, B.G., Jr. Something you all should know about social learning in rats. Invited paper Winter Animal Behavior Conference, Park City, Utah, January, 1986.

Galef, B.G., Jr. Importance of social learning in determining diet selection by Norway rats. Paper contributed to the meetings of the Animal Behavior Society. Tucson, Arizona, June, 1986.

Galef, B.G., Jr. Are animals expert in selecting adequate diets? Invited paper. McArthur Conference on Ingestive Behavior, Lake Waramang, Connecticut. October, 1986.

Galef, B.G., Jr. No rat is an island. Invited paper, Winter Animal Behavior Conference, Park City, Utah, Jan. 1987.

Galef, B.G., Jr. Behavior and Biopsychology: Building bridges. Invited workshop participant. Winter Animal Behavior Conference, Park City, Utah, Jan. 1987.

Galef, B.G., Jr. Social learning and diet selection. Invited plenary speaker. British Association for the Study of *Animal Behaviour*, St. Andrews, Fife, Scotland, July, 1987. Summarized in *New Scientist*, 30 July, 1987, 31.

Galef, B.G., Jr. Tradition and social learning: Description of subpopulation-typical patterns of behavior and analyses of their development. Invited plenary speaker, International Ethology Conference, Madison, WI, August, 1987.

Galef, B.G., Jr. The role of social interaction in production of adaptive end-points of behavioral development. Invited participant, presidential symposium, Annual meeting of the International Society for *Developmental Psychobiology*, New Orleans, Nov., 1987.

Galef, B.G., Jr. "Feliciter is sapit qui periculo alieno sapit." Invited paper. Winter Animal Behavior Conference, Park City, Utah, Jan. 1988.

Beck, M., & Galef, B.G., Jr. Social control of diet selection: How do animals find nutritious food? Paper contributed to the Eastern Psychological Association Convention. Buffalo, N.Y., April, 1988.

Galef, B.G., Jr. No rat is an island. Invited paper. Spring (Canadian) Conference on Behaviour and Brain, Whistler Village, B.C., April, 1988.

Galef, B.G., Jr. & Black, R.M. A signal that elicits feeding on a specific food by sated rats. Poster presented at the meetings of the Canadian Psychological Association, Montreal, June, 1988.

Galef, B.G., Jr. No rat is an island. Principal Lecturer, NATO Advanced Study Institute. Ethoexperimental analysis of behavior. Il Ciocco, Italy, July, 1988.

Galef, B.G., Jr. Invited Symposium Participant. Can ethoexperimental techniques be applied to the study of human behavior? NATO-ASI, Il Ciocco, Italy, July 1988.

- Galef, B.G., Jr. Invited Symposium Participant. Ethoexperimental approaches to animal learning. NATO-ASI, Il Ciocco, Italy, July, 1988.
- Clark, M.M. & Galef, B.G., Jr. Correlates of differences in amount of maternal, anogenital licking received by same-sex gerbil pups. Paper presented to the International Society for *Developmental Psychobiology*, Toronto, November, 1988.
- Galef, B.G., Jr. Social factors in diet selection and poison avoidance by Norway rats: A brief review. Invited participant. International Conference on *Appetite*, Philadelphia, Dec. 1988. Abstract published in *Appetite*, 1989, 12, 73.
- Galef, B.G., Jr. The return of the revenge of the son of social learning, Part XI: The Ultimate Challenge. Invited paper. Winter Animal Behavior Conference, Park City, Utah, Jan. 1989.
- Galef, B.G., Jr. The social bases of food selection. Invited address. Meeting of the Eastern Psychological Association, Boston, MA, April, 1989.
- Galef, B.G., Jr. Invited discussant. Symposium on Anthropomorphism and Anecdotalism. Meetings of the Animal Behavior Society, Highland Heights, KY, June, 1989.
- Galef, B.G., Jr. Nelson Distinguished Biologist Lecture. Invited address. University of Missouri, Columbia, Missouri, April, 1989.
- Galef, B.G., Jr. Responses of observer rats to complex, food related signals emitted by demonstrator rats. Paper contributed to the Meetings of the Animal Behavior Society, Highland Heights, KY, June, 1989.
- Galef, B.G., Jr. Further evidence that Norway rats do not socially transmit learned aversions to toxic baits. Contributed paper. Spring Canadian Conference on Behavior and Brain. Banff, Alberta, April, 1989.
- Galef, B.G., Jr. Origins of perverse flavor preferences. Contributed paper. Winter Conference on Animal Learning. Winter Park, CO, January, 1989.
- Galef, B.G., Jr. The masked contrarian rides again. Invited paper. Winter Animal Behavior Conference, Park City, Utah, Jan., 1990.
- Galef, B.G., Jr. My cleverest experiment. Contributed short presentation. Spring Canadian Conference on Behaviour and Brain, Banff, Alberta, April, 1990.
- Clark, M.M., & Galef, B.G., Jr. Mongolian gerbil dams invest more in their sons than in their daughters. Paper contributed to the convention of the International Society for *Developmental Psychobiology*. Cambridge, England, July, 1990.
- Galef, B.G., Jr. Social influences on fluid intake: Laboratory experiments with rats, field observations of primates. Invited paper. International Life Sciences Institute Symposium on Thirst, Washington, D.C., May, 1990.

- Galef, B.G., Jr. The masked contrarian vs. the creatures from Koshima. Invited paper. Winter Animal Behavior Conference, Jackson, WY, Jan. 1991.
- Galef, B.G., Jr. On the role of tradition and imitation in the behavioral development of animals: The ontogeny of locale-specific behaviors in natural circumstances. Invited Address, EPA Outreach Program in *Developmental Psychobiology*, Meeting of the Eastern Psychological Association, New York, NY, April, 1991.
- Galef, B.G., Jr. Olfactory communication among rats of complex diet-identifying information. Contributed paper. Chemical Signals in Vertebrates IV. Philadelphia, PA. June, 1991.
- Galef, B.G., Jr. Exchange of diet-identifying information at aggregation sites. Paper contributed to the meetings of the Animal Behavior Society, Wilmington, N.C., June, 1991.
- Galef, B.G., Jr. No ratte is an islande. Invited plenary speaker. Human Behavior and Evolution Society, Hamilton, Ontario, August, 1991.
- Galef, B.G., Jr. Social influences on dietary self-selection by Norway rats at weaning. Paper contributed to the meetings of the International Society for *Developmental Psychobiology*, New Orleans, Nov., 1991.
- Clark, M.M., & Galef, B.G., Jr. Unconfounded evidence of sex-biased, postnatal maternal effort by Mongolian gerbil dams. Paper contributed to the meetings of the International Society for *Developmental Psychobiology*, New Orleans, Nov. 1991.
- Galef, B.G., Jr. Foraging by young rats: How do they compose a nutritionally adequate diet? Damned if I know! Invited paper Winter Animal Behavior Conference, Jackson, WY, January, 1992.
- Galef, B.G., Jr. Social influences on the foraging success of weanling rats. Paper contributed to the meetings of the Eastern Psychological Association. Boston, April 1992.
- Galef, B.G., Jr. Social influences on the development of food preferences in rats: A quarter century of research. Invited paper presented to the workshop on the ontogeny and social transmission of food preferences. International School of Ethology, Ettore Majorana Centre for Scientific Culture, Erice, Sicily, June 1992.
- Clark, M.M., Crews, D., & Galef, B.G., Jr. Effects of male fetuses on the behaviour of Mongolian gerbil dams late in pregnancy: Evidence of androgen mediation. Poster contributed to the 24th Conference on Reproductive Behaviour, Halifax, June, 1992.
- Galef, B.G., Jr. Social influences on the foraging success of weanling rats. Poster presented at the meetings of the International Society for Behavioral Ecology, Princeton, NJ, August, 1992.
- Galef, B.G., Jr. Social effects on diet selection by Norway rats. Invited paper. Winter Animal Behavior Conference, Jackson, WY, January 1993.

- Galef, B.G., Jr. In the beginning. Invited after dinner address. Winter Animal Behavior Conference, Jackson, WY, January, 1993.
- Galef, B.G., Jr. Social influences on the foraging success of weanling Norway rats. Invited Paper. Midwestern Psychological Association, Chicago, April, 1993.
- Clark, M.M., Karpiuk, P., & Galef, B.G., Jr. Hormonally mediated inheritance of acquired characteristics in Mongolian gerbils. Contributed paper. Animal Behavior Society meetings. Davis, CA, July, 1993.
- Galef, B.G., Jr., & Smith, M.A. Susceptibility of artificially-reared rat pups to social influences on food choice. Paper contributed to the meetings of the International Society for Developmental Psychobiology, Alexandria, VA, November, 1993.
- Clark, M.M., Karpiuk, P. & Galef, B.G., Jr. Hormonally mediated transmission of acquired characteristics in Mongolian gerbils. Paper contributed to the meetings of the International Society for Developmental Psychobiology, Alexandria, VA, November, 1993.
- Galef, B.G. Jr. More about social learning: What structure can tell us about function. Winter Animal Behavior Conference. Jackson, WY, January, 1994.
- Galef, B.G., Jr. & Durlach, P. How tall should a rat cage be? Invited symposium participant. Convention of the Canadian Association for Laboratory Animal Science. Hamilton, Ontario, June, 1994.
- Galef, B.G., Jr. Charles Darwin, Niko Tinbergen and the past, present and future of studies of social learning. Invited symposium participant, Meetings of the Animal Behavior Society, Seattle, WA, July, 1994.
- Galef, B.G., Jr. Contributions of psychology to the study of social learning and tradition in animals: An historical perspective and a new experimental paradigm. Invited paper. Human Frontier Science Program Workshop: Social Learning and Tradition in Animals. Cambridge, UK, August 1994.
- Galef, B.G., Jr. Food selection: Problems in understanding how we choose foods to eat. Invited plenary paper. Society for the Study of Ingestive Behavior, Hamilton, August, 1994.
- Jones, D., Gonzalez-Lima, F., Crews, D. Galef, B.G., Jr. & Clark, M.M. Effects of intrauterine position on metabolic inequalities in the hypothalamus of the Mongolian gerbil: A cytochrome oxidase. Poster contributed to the meetings of the Society for Neuroscience, October, 1994.
- Galef, B. G., Jr. Michelangelo, Donatello, Leonardo and Raphael: Culture in Norway rats. Invited paper. Winter Animal Behavior Conference XVII, Jackson, WY, Jan. 1995.
- Galef, B. G., Jr. Effects on vertebrate development of unintentional signals. Invited conference participant. Institute for Human Communication Research Spring 1995 Conference: The role communication plays in human development, Durham, NC, April, 1995.

- Galef, B. G., Jr. A new model system for studying behavioral traditions in animals. Invited symposium participant. Social learning and imitation. Midwestern Psychological Association. Chicago, IL, May, 1995.
- Galef, B.G., Jr. The other side of the coin: Using analyses of intraspecific communications to find substances attractive to rodents. Invited symposium participant. Denver Wildlife Research Center Symposium on Repellents in Wildlife Management. Denver, CO, August, 1995.
- Galef, B.G., Jr. Copying diet choice. Invited plenary symposium participant. Societe Quebecoise pour l'etude biologique de comportement. Montreal, November, 1995.
- Galef, B.G., Jr. "Try it, you'll like it." Invited paper. Winter Animal Behavior Conference. Jackson, WY, January 1996.
- Galef, B.G., Jr. Social effects on affective responses to foods. Contributed paper. Canadian Spring Conference on Behaviour and Brain. Fernie, B.C., March 1996.
- Galef, B.G., Jr. Social learning and imitation. Invited participant. Symposium on animal awareness. University of Buffalo, April, 1996.
- Galef, B.G., Jr. Does social learning induce changes in rats' affective responses to flavors? Paper contributed to the meetings of the Animal Behavior Society, Flagstaff, AZ, 1996.
- Galef, B.G., Jr. Animal social learning: A decade of progress in interdisciplinary behavioural research. Invited State-of-the-Art Address. XXVI<sup>th</sup> International Congress of Psychology, Montreal, August, 1996.
- Galef, B.G., Jr. & White, D.J. Learning socially when food has become available. Contributed paper. Meetings of the International Society for Developmental Psychobiology, Washington, DC, November, 1996.
- Galef, B.G., Jr. When do we eat? Social foraging for ephemeral foods. Invited paper. Winter Animal Behavior Conference XIX, Jackson, WY, January, 1997.
- Galef, B.G., Jr. Biology, psychology, who cares? It's all animal behaviour. Invited participant, Workshop on the evolution of learning. Lexington, KY, February, 1997.
- Galef, B.G., Jr. Social influences on where, when and what Norway rats eat. Invited participant, Workshop on the evolution of learning. Lexington, KY, February, 1997.
- Galef, B.G., Jr. When do we eat? Social foraging by Norway rats. Invited paper, Langfeld Conference on Current Issues in Comparative and Developmental Psychobiology. Princeton, NJ, April, 1997.
- Galef, B.G., Jr. Recent progress in studies of social learning in animals. Invited paper. Meetings of the Eastern Psychological Association, Washington, D.C., April, 1997.

- White, D.J., & Galef, B.G., Jr. Mate-copying in Japanese quail, *Coturnix coturnix japonica*. Poster presented at the meetings of the Animal Behavior Society, College, Park, MD, June 1997.
- Galef, B.G., Jr. Social influences on mate choice in Japanese quail. Invited paper. Winter Animal Behavior Conference, XX. Jackson Hole, WY, February, 1998.
- Galef, B.G., Jr. No ratte is an islande: Explorations in social foraging and social learning. Invited address, Winter Conference on Animal Learning and Behavior XV. Winter Park, CO. February, 1998.
- Galef, B.G., Jr. & White, D.J. Social effects on mate choices of male and female Japanese quail. Invited plenary paper, Napoli Social Learning Conference. Naples, Italy. July, 1998.
- White, D.J. & Galef, B.G., Jr. Mate copying and conspecific cueing in Japanese quail. Poster presented at the meetings of the Animal Behavior Society. Carbondale, IL. July, 1998.
- Galef, B.G., Jr. No ratte is an islande: Explorations in social foraging by Norway rats. Invited fellow's lecture, Meetings of the Animal Behavior Society. Carbondale, IL. July, 1998.
- Galef, B.G., Jr. & White, D.J. Social influences on mate choice by quail of both sexes. Poster presented at the meeting of the American Psychological Association, San Francisco, August, 1998.
- Clark, M.M., & Galef, B.G., Jr. Testosterone mediated trade-off between gerbils' sexual and parental behaviors. Poster presented at the meetings of the American Psychological Association. August, 1998.
- Galef, B.G., Jr. Environmental enrichment for laboratory rodents. Invited symposium participant. Scientists Center for Animal Welfare, San Antonio, TX., Dec. 1998
- Galef, B.G., Jr. To copy or not to copy. That is the question. Invited paper. Winter Animal Behavior Conference XXI, Jackson Hole, WY. January 1999.
- Galef, B.G., Jr. Social foraging by Norway rats: Effects of public information on food preferences of individuals. Invited plenary address: IV Curso internacional "Bases neurobiologicas y ecologicas de la conducta como y para que. Tlaxcala, Mexico, March, 1999.
- Honey, L.P. & Galef, B.G., Jr. Exposure to ethanol before weaning affects alcohol intake by juvenile rats. Poster presented at the meetings of the Eastern Psychological Association, Boston, MA, April 1999.
- Galef, B.G., Jr., 'Culture' in quail: beauty is in the eye of the beholder. Invited paper. Winter Animal Behavior Conference XXII, Jackson Hole, WY. January 2000.
- Galef, B.G., Jr. Behavioural analyses of social impacts on learned feeding and sexual behviours. Invited lecture. VIth Biannual Symposium on the Science of Behavior. February 2000. Guadalajara, MX.

- Honey, P.L., & Galef, B.G., Jr. Social induction of ethanol preference in juvenile rats. Contributed paper. Eastern Psychological Association, Baltimore, March 2000.
- Honey, P.C. & Galef, B.G., Jr. Social learning of ethanol consumption does not depend on lactation. Contributed paper. International Society for Developmental Psychobiology, New Orleans, November, 2000.
- Galef, B.G., Jr. Dietary deficiencies and sociality in Norway rats. Invited paper. Winter Animal Behavior Conference, Jackson, WY, January 2001.
- Galef, B.G., Jr. Social learning: Promotor or inhibitor of innovation? Invited symposium participant. XXVI International Ethology Congress. Tubingen, Germany. August, 2001.
- Galef, B.G., Jr. Social influences on the food choices of Norway rats and mate choices of Japanese quail. Invited Keynote Speaker. XIII Congreso de la Sociedad Espanola de Psicologia Comparada . Reunion Internacional. San Sebastian, Spain. September 2001.
- Galef, B.G., Jr. Social influences on the food preferences of Norway rats and the male preferences of Japanese quail. Invited keynote speaker. Nebraska Behavioral Biology Group, Lincoln, NE. November 2001.
- Honey, P.L., Varley, K.R. & Galef, B.G., Jr. Relative influence of dams and unrelated adult females on pups' ethanol consumption. Paper presented at the Annual Meeting of the International Society for Developmental Psychobiology, San Diego, CA, November 2001.
- Galef, B.G., Jr. Do you love the one you love? Invited paper. Winter Animal Behavior Conference, January, 2002, Jackson Hole, WY.
- Galef, B.G., Jr. Social influences on the food choices of Norway rats and mate choices of Japanese quail. Invited paper. Columbia University Seminar on Appetitive Behavior, New York, March 2002.
- Persaud, K.N. & Galef, B.G., Jr. Female Japanese quail aggregate to avoid sexual harassment by males. Poster contributed to the meetings of the Animal Behavior Society, Bloomington, IN, July, 2002.
- Ophir, A.G. & Galef, B.G., Jr. Female Japanese quail modify their mate choices using information acquired from moving video images. Paper presented at the meetings of the Animal Behavior Society, Bloomington, IN, July, 2002.
- Galef, B.G., Jr. On the culture of chimpanzees and rats. Invited address. Bert Miller Fort Erie Nature Club. Fort Erie, Ontario, November, 2002.
- Galef, B.G., Jr. How a cognitive psychologist became an animal behaviorist. Invited Speaker Psychological Sciences Workshop Series. Binghamton University. Binghamton, NY, December, 2002.

- Galef, B.G., Jr. Hey Buffy, why not just poison the suckers? Invited paper, Winter Animal Behavior Conference, Jackson Hole, WY, January, 2003.
- Ophir, A.G. & Galef, B.G., Jr. Losers win in the end: Female Japanese quail that eavesdrop on fighting males prefer the losers. Contributed paper. Society for Integrative and Comparative Biology, Toronto, ON, January, 2003.
- Galef, B.G., Jr. Food stealing by young Norway rats. Invited paper. Midwestern Psychological Association, Chicago, May, 2003.
- Persaud, K.N. & Galef, B.G., Jr. Fertilized female quail weigh the costs of sexual harassment differently than unfertilized quail. Ontario Ecology & Ethology Colloquium, Hamilton, ON, May, 2003
- Persaud, K.N. & Galef, B.G., Jr. When is it worth it? Fertilized and unfertilized female quail weigh the costs and benefits of sex differently. Paper contributed to the annual meeting of the Animal Behavior Society, Boise, ID, July, 2003.
- Ophir, A.G. & Galef, B.G., Jr. Once bitten, twice shy: female Japanese quail learn to avoid more dominant males. Paper contributed to the annual meeting of the Animal Behavior Society, Boise, ID, July, 2003.
- Galef, B.G., Jr., Ratcliffe, J.M., & Fenton, M.B. Vampire bats do not learn flavor aversions: A comparative study. Paper contributed to the International Ethology Congress. Florianopolis, Brazil, August, 2003.
- Galef, B.G., Jr. Social learning about foods by Norway rats. Invited paper. International Ethology Congress, Florianopolis, Brazil, August, 2003.
- Galef, B. G., Jr. What you Sih is what you get. Invited paper. Winter Animal Behavior Conference, Breckenridge, Colorado. January, 2004.
- Griffin, A. S. & Galef, B. G. Jr. Backward conditioning in socially acquired predator recognition.  
Paper contributed to the annual meeting of the Australasian Society for the Study of Animal Behaviour. Adelaide, South Australia, April, 2004.
- Persaud, K. N.& Galef, B. G., Jr. Sexually coercive males are less preferred by females and less likely to inseminate them. Paper contributed to the annual meeting of the Animal Behavior Society, Oaxaca, Mexico, June, 2004.
- Clark, M. M. & Galef, B. G., Jr. The inter-litter effect: maternally mediated interactions of siblings in successive litters. Paper contributed to the annual meeting of the International Society for Developmental Psychobiology. Aix-en-Provence, France, June, 2004.
- Galef, B. G., Jr. Social learning about foods by animals. Invited paper. Nestle Purina Nutrition Forum. St. Louis, Missouri, October, 2004.

Galef, B. G., Jr. A new model system for studying social learning in animals. Invited paper. Winter Animal Behavior Conference, Steamboat Springs, Colorado, January, 2005.

Galef, B. G., Jr. A new model system for studying social learning in animals. Paper contributed to the annual meeting of the Australasian Association for the Study of Animal Behaviour. Palmerston North, New Zealand, April, 2005.

Galef, B. G., Jr. Social influences on the reproductive behavior of Japanese quail. Invited plenary address. St. Andrews International Conference on Animal Social Learning. St. Andrews, Fife, Scotland. June, 2005.

Galef, B. G., Jr. When theory fails do you publish? Winter Animal Behavior Conference, Steamboat Springs, Colorado, January, 2006.

Galef, B. G., Jr. Behavioral aspects of preference. Focus on Palatability. Chicago, IL, April 2006.

Clark, M. M., Abadilla, R. & Galef, B. G., Jr. Why do fathers like daughters and mothers like sons? Contributed Poster, Parental Brain Conference: Parenting and the Brain. Boston, Massachusetts, June, 2007.

**Invited Departmental Colloquia (1968-2007)**

Trent University (2)  
University of Pennsylvania  
Institute for Animal Behavior (2)  
American Museum of Natural History  
Waterloo University (2)  
University of Toronto (6)  
SUNY Stony Brook  
University of British Columbia  
Cornell University (2)  
University of Colorado (3)  
SUNY Buffalo (2)  
Brock University (2)  
University of Manitoba  
Monell Chemical Senses Center  
Queens University  
Rockefeller University  
University of Missouri (2)  
University of Michigan  
Guelph University  
University of Georgia  
Cambridge University  
University of Tokyo  
Macquarie University (2)

Princeton University (2)  
Swarthmore College  
National Institutes of Health (2)  
Smithsonian Institution  
University of Western Ontario (3)  
Florida State University  
Purdue University  
University of Massachusetts  
Indiana University (4)  
McGill University  
SUNY Binghamton (2)  
McMaster University (7)  
University of New England (3)  
University of Tel Aviv  
University of Wisconsin, Milwaukee  
U.S.D.A., Denver Wildlife Research Center  
University of California at Davis (2)  
Duke University  
University of Washington  
University College London (2)  
Concordia University  
Kyoto University, Primate Research Institute  
University of Sydney