

# Georgia Mason – C.V. Dec. 2008

ANIMAL AND POULTRY SCIENCE, UNIVERSITY OF GUELPH, GUELPH, ONTARIO N1G 2W7  
E-mail: GMason@uoguelph.ca; Phone: (519)-824-4120 x. 56804 (work)

## CURRENT POSITIONS

- Dec. 2006 – Professor, University of Guelph
- Aug. 2004 – Canada Research Chair in Animal Welfare, University of Guelph
- Jan. 2006 - Dec. 2008 Visiting Professor in Animal Welfare Physiology, Royal Vet. College, London, UK

## EDUCATION

- 1988 - 1992 Ph.D.: Individual variation in the stereotypies of caged mink, *Cambridge University*.
- 1984 -1987 B.A. Hons. (Double first class) in Zoology, *Cambridge University*.

## PREVIOUS POSTS

- Aug. 2004 – Nov. 2006 Associate Professor, University of Guelph
- 1999 - 2004 BBSRC David Phillips Research Fellow, *Zoology Dept., Oxford University*
- 1994 - 1998 Demonstrator (equivalent to asst. prof.) in Vertebrate Biol., *Zoology Dept., Oxford Uni.*
- 1992 - 1994 Part-time distance learning course tutor in 'Brain and Behaviour', *Open University*.
- 1991 - 1994 Junior Research Fellow, Clare College, *Cambridge University*.
- 1989 - 1992 Freelance writer for *New Scientist*.

## AWARD

Awarded inaugural Johns Hopkins Center for Alternatives to Animal Testing/Charles River Labs. international 'refinement' prize, for work on welfare assessment in laboratory animals (Aug. 2005),.

## RESEARCH GRANTS - CURRENT

- The effects of weaning age on dermatitis, stereotypic behaviour, stress and anxiety in C57/BL6 mice  
\$14,000 USD, ACLAM Foundation (Held with Dr. Anthony Nicholson, Jackson Lab.; Jan. 2008 – Jan. 2009)
- The learning of diet selection in dairy heifers  
\$53,500 CAD, NSERC and Dairy Farmers of Canada (Held with Drs. Trevor de Vries [P.I], Guelph; Karen Beauchemin, AgCanada, and Nina von Keyserlingk, UBC; March 2008-Feb. 2010)
- Social status and social motivation in farmed foxes.  
4,700,000 Nor. Kroner, Norwegian Res. Council and Norweg. Fur Breeders Association (Held with Prof. Bakken [P.I], Norwegian Uni. of Life Sciences, Ås; May 2006 - April. 2010).
- Developmental issues in animals' responses to captive husbandry: the causation of stereotypic behaviour.  
\$207,500; NSERC Discovery grant (April 2006).
- Serial choice, perseveration and impulsivity apparatus.  
\$23,400; NSERC RTI grant (April 2006).
- Infrastructure grant for Laboratory Rodent Research Unit /renovated graduate student suite.  
\$375,000 Canada Foundation for Innovation (Jan. 2005).

## RESEARCH GRANTS - PAST

- Cage-cleaning regimes, and the welfare and experimental functioning of laboratory mice.  
*£260,000, UK Medical Research Council (Held with Alan Peters, Director of Oxford Uni. Biomedical Services, and Prof. Marian Dawkins, Jan. 2004 - June 2007).*
- Weaning age and stereotypic behaviour in laboratory mice.  
*\$5000 USD, Animal Welfare Institute (Held with Allison Bechard, UoToronto, April. 2006).*
- Funds for analysing tiger studbooks  
*c. \$10,000; IFAW (Nov. 2005) – Offered; unable to take up.*
- Assessing the welfare of zoo elephants in Britain.  
*£40,000, IFAW; (June 2004; Not taken up due to move to Canada).*
- Cage-cleaning regimes and welfare in the laboratory rat.  
*£72,000, UK govt. Home Office (Held with Alan Peters, Director of Oxford Uni. Biomedical Services; Oct. 2002 – Sept. 2005).*
- A review of the welfare of zoo elephants in Europe.  
*£28,000; RSPCA (originally in collaboration with UK zoos' Federation) (Mar 2001 - Feb. 2002).*
- Refining the role of stereotypy in welfare assessment: Stress and perseveration in laboratory mice.  
*£45,000; Universities Federation for Animal Welfare (Oct. 2000 - Sept. 2002).*
- Measuring social motivations in farmed foxes.  
*2,650,000 Nor. Kroner; Norwegian Res. Council and Norweg. Fur Breeders Association (Held jointly with Dr. M. Bakken, Agricultural Uni. of Norway, Ås; Oct 2000 - Sept. 2004).*
- The experimental assessment of animal welfare: Validating the use of microeconomics to measure motivational priorities.  
*£144,000; BBSRC (Aug. 2000 – Jul. 2003).*
- Maternal behaviour in outdoor sows: Variability and contribution to piglet growth and survival.  
*£203,000; BBSRC (Held jointly with Dr. M. Mendl, Uni. of Bristol; Jan. 2000 – Oct. 2003).*
- Is out of sight out of mind? Measuring motivation for enrichments in the absence of eliciting stimuli.  
*50,000 Euros, Fur Animal Welfare Research Committee (Feb. 2000 – Aug. 2000).*
- Maternal deprivation: A central problem for captive animals?  
*£243,000 BBSRC Fellowship Programme (Jan. 1999 – Dec. 2003); plus additional £32,000 for one-year extension Oxford University (Jan. 1999 – Sept. 2004).*
- Developmental and environmental effects on behavioural motivations in caged American mink.  
*£140,000, BBSRC (Mar. 1995 - Feb. 1998).*
- Developmental and environmental effects on behavioural motivations in caged American mink.  
*£84,000, Leverhulme Trust (Not taken up due to award of BBSRC grant above).*
- Plus c. 15 small grants (£5000 – c. \$10,000 CAD – or smaller) between 1992 and 2002;  
*Total value: £51,500/c. \$100,000 CAD: From: Association for the Study of Animal Behaviour; Born Free Foundation; Cambridge Commonwealth Trust; Clare College, Cambridge; Dublin Zoo; Farm Animal Care Trust; Laboratory Animal Science Association; Lockey Bequest; National Federation of Zoological Gardens; Universities Federation for Animal Welfare; University of Oxford.*

## GRADUATE AND POST-DOCTORAL SUPERVISION (summary)

- *MScs.*: Have supervised 6 MSc projects to completion (1994 – 2004); currently supervise 2 MSc students.
- *PhDs*: Have supervised 8 PhD students to completion and co-supervised 2 to completion (1994 – 2008); currently supervise 2 PhD students, and co-supervise 2.
- *Post-docs*: Have previously supervised 4 post-doctoral researchers (1996 – 2004); currently supervise 2 post-doctoral researchers.

## POSITIONS ON INTERNATIONAL COMMITTEES/WORKING GROUPS

- National Academy of Science (ILAR) Working Group on the Assessment and Alleviation of Pain in Laboratory Animals (*Aug. 2007 – Aug. 2008*).
- Advisor to panel appointing applied ethology professor, SLU (Sweden) (*Jan. 2008-Mar. 2008*).
- UK government's Department of Food and Rural Affairs 'Circus Animal Working Group' (*2007*).
- Consulting Editor for *Animal Behaviour* (*2000 - 2003*).
- European Commission Scientific Committee on Animal Health and Welfare Working Party on Fur Animal Welfare (*2000 - 2001*); for outcome, see report in [http://europa.eu.int/comm/food/fs/sc/scah/outcome\\_en.html](http://europa.eu.int/comm/food/fs/sc/scah/outcome_en.html)
- Fur Animal Welfare Research Committee (*1999 - 2001*).
- Editorial Board of *Applied Animal Behaviour Science* (*1997 - 2000*).
- Founding member of EuroNICHE (now InterNICHE, [www.interniche.org](http://www.interniche.org)) (*1988-1990*).

## POSITIONS ON NATIONAL COMMITTEES

- Canadian Council on Animal Care 'Taskforce' on the Reduction, Refinement and Replacement Animal-use (*2006 - 2007*).
- UK govt. Dept. of Food and Rural Affairs 'Zoos Forum Animal Welfare Assessment Working Group' (*2003 - 2004*); outcome: <http://www.defra.gov.uk/wildlife-countryside/gwd/zoosforum/index.htm>
- UK Medical Research Council Working Group on the Welfare of Genetically-modified Mice (*2003*); outcome: see <http://www.nc3rs.org.uk/page.asp?id=231>, or Wells et al. (2006) *Laboratory Animals* 40, 111-114
- UK Elephant Taxon Advisory Group (*2002 - 2004*).
- Standing Advisory Committee on the Welfare of Animals in Psychology, British Psychological Soc. (*2001 - 2004*).
- Zoological Society of London Animal Welfare Committee (*1998 - 2001*).
- Universities Federation for Animal Welfare 'Zoo Exhibit Award' panel (*1997 - 1999*).
- National Trust/Bateson Report advisory group on the hunting of red deer with hounds (*1996*).

## POSITIONS ON UNIVERSITY COMMITTEES

- Member of Steering Group for Colonel Campbell Centre for the Study of Animal Welfare (*Oct. 2007 -* ).
- Animal Care Committee, University of Guelph (*2004 -* ).
- Chair, Welfare research review panel, Royal Veterinary College (*2006*).
- Selection committee for Tier 1 Canada Research Chair in Behavioural Neuroscience, Uni. of Guelph (*2005*).
- Steering group, Royal Veterinary College/Bristol & Oxford Universities Welfare Research Coalition (*2005 -* ).
- UK govt. Dept. of Food and Rural Affairs/Bristol University 'Elephant Welfare Expert Panel' (*2005 - 2006*).
- Selection committee for Demonstratorship in Vertebrate Biology, Zoology dept., Oxford Uni. (*2003*).
- Oxford University Dawkins Prize Committee (*2003 - 2004*).
- Selection committee for Demonstratorship in Animal Behaviour, Zoology Dept., Oxford Uni. (*2003*).
- Functional Research Committee, Food Animal Initiative/Oxford University Zoology Dept. (*2001 - 2004*).
- Selection committee for Demonstratorship in Vertebrate Biology, Zoology Dept., Oxford Uni. (*1998*).
- Governing body, Clare College, Cambridge Uni. (*1992-1995*).
- Secretary, Cambridge University Amnesty International (*1986-1988*).

## INVITED CONFERENCE TALKS

- Plenary lecture, International Ethological Conference (Rennes, France, *scheduled Aug. 2009*).
- CALAM/CALAS (Canadian Associations for Lab. Animal Science and Medicine) symposium (Montreal, *scheduled April 2009*).
- Plenary lecture (sponsored by Charles River Labs.), American Association of Laboratory Science meeting (Indianapolis, IN; *Nov. 2008*).
- Ontario Veterinary College Animal Welfare Forum (Guelph; *Sept. 2007*).
- Plenary lecture, International Fur Animal Science Association meeting (Halifax, Nova Scotia; *Aug. 2008*).
- Canadian Association for Animal Science (Guelph, ON; *Aug. 2008*).
- University of Helsinki graduate course on abnormal behaviour (Helsinki, Finland; *June 2008*).
- Chicago Zoological Society 'Zoo Animal Welfare' meeting (Chicago, IL; *May 2008*).
- UCLA/John Hopkins CAAT 'Alternatives and the 3Rs' conference (Santa Monica CA; *Jan. 2008*).
- Ontario Veterinary College Animal Welfare Forum (Guelph; *Sept. 2007*).
- Chair and symposium organiser 'Developmental influences on behavioural phenotypes: implications for animal welfare', International Ethological Conference (Halifax, Nova Scotia; *Aug. 2007*).
- ACLAM (American College of Lab. Animal Medicine) forum (Tucson, Arizona; *May 2007*).
- Plenary: National Centre for the 3Rs/Biosciences Federation meeting, 'Science and the 3Rs' (London, UK; *Mar. 2007*).
- Disney's Animal Kingdom (Florida, US; *Dec. 2006*).
- ASLAP (American Soc. Lab. Animal Practitioners) national meeting (Salt Lake City, US; *Oct. 2006*).
- Animal Welfare Club, Atlantic Veterinary College (Charlottetown, Prince Edward Island; *Sept. 2006*).
- Canada Mink Breeders Annual Conference (Halifax, Nova Scotia; *Sept. 2006*).
- Tufts Symposium on Elephant Welfare (Boston, MA; *April 2006*).
- Ontario Veterinary College Animal Welfare Forum (Guelph; *Oct. 2004*).
- Federation of Zoos of Britain and Ireland, Annual General Meeting (Marwell, UK; *May 2004*).
- Plenary lecture, 6<sup>th</sup> Congress on Environmental Enrichment (Johannesburg, South Africa; *Nov. 2003*).
- BBSRC meeting – Animal Welfare Assessment (London, UK; *Dec. 2002*).
- Plenary lecture, First European Conference on Behavioural Biology (Muenster, Germany; *Aug. 2002*).
- Fourth World Congress on Alternatives and Animal Use in the Life Sciences (New Orleans, LA; *Aug. 2002*).
- BBSRC meeting – New Approaches to Animal Welfare (Wyboston, UK; *May 2002*).
- Plenary lecture (given by co-author, Dr. Ros Clubb), 34<sup>th</sup> Congress of the ISAE (Florionopolis, Brazil; *Oct. 2001*).
- Millennial meeting, Association for the Study of Animal Behaviour (Cambridge, UK; *July 2000*).
- RSPCA Environmental Enrichment Meeting (Horsham, UK; *May 2000*).
- BBSRC ASP Animal Welfare Coordinating Committee Meeting on Pain (London, UK; *Oct. 1999*).
- Fourth Conference on Environmental Enrichment (Edinburgh, UK; *Sept. 1999*).
- Opening plenary lecture, 32<sup>nd</sup> Congress of the ISAE (Clermont Ferrand, France; *Aug. 1998*).
- First Chilean Conference on Animal Welfare for Veterinary Surgeons (Santiago, Chile; *April 1998*).
- All Party Parliamentary Group for Animal Welfare Circus Working Group (London, UK; *Nov. 1997*).
- British Society for Animal Science 'Animal Choices' meeting (Leeds, UK; *Sept. 1996*).