

## **CURRICULUM VITAE**

Harold Lisle Gibbs

### **Address**

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### **Education:**

1988 Ph.D. University of Michigan (Ecology & Evolutionary Biology)  
1981 M.S. University of Michigan (Natural Resources)  
1980 B.Sc. (Hons) Queen's University (Biology)

### **Positions:**

Professor, Ohio State University, 2006 - present  
Associate Professor, Ohio State University, 2001-2006  
Associate Professor, McMaster University, 1997-2001  
Assistant Professor, McMaster University, 1992-1997

Visiting Scientist, University of Arizona, 2005  
Visiting Scientist, Royal Ontario Museum, 1997-1998

Post-doctoral Research Associate  
Department of Biology, McMaster University, 1991-1992  
Department of Biology, Queen's University, 1988-1991

### **Research Interests:**

Evolutionary Biology, Molecular Ecology, Molecular Evolution, Conservation Genetics

### **Fellowships and Awards:**

2002 Fellow of the American Ornithologists' Union  
2000 Nominated for an E.W.R. Steacie Award (NSERC) by McMaster University  
1999 Premier's Research Excellence Award, Province of Ontario  
1993 Elected Member of the American Ornithologists' Union  
1991 Young Investigators' Prize, American Society of Naturalists  
1990-91 Natural Sciences & Engineering Research Council of Canada Postdoctoral Fellowship  
1988-90 A.P. Sloan Foundation Postdoctoral Fellowship for Molecular Studies of Evolution

### **Professional Organizations**

Member: American Ornithologists' Union, Society for the Study of Evolution, American Association for the Advancement of Science

### **Editorial and Reviewer Positions:**

Associate Editor for Conservation Genetics, 2004- 2006

Associate Editor for Evolution, 2000-2002

Ad hoc journal reviewer for: Auk, American Naturalist, Animal Behavior, Animal Conservation Genetics, Behavioral Ecology, Behavioral Ecology and Sociobiology, Canadian Journal of Zoology, Condor, Evolution, Ecology, Genome, Journal of Wildlife Management, Molecular Biology and Evolution, Molecular Ecology, Nature, Science, Proceedings of the National Academy of Science (USA), Proceedings of the Royal Society of London, Series B., Wilson Bulletin.

Member of the Evolution and Population Ecology Panel, Division of Environmental Biology, National Science Foundation, November 2003 and April 2005

Ad hoc grant reviewer for: Austrian Science Foundation, Natural Environmental Research Council (UK), National Science Foundation (USA), Natural Sciences and Engineering Research Council (Canada), Ohio Department of Natural Resources, Sigma Delta Epsilon Eloise Gerry Fellowships for Graduate Women in Science.

### **Advisory Panels:**

Scientific Advisor to Black Rat Snake Recovery Team, Canadian Wildlife Service, Environment Canada, 1999 – 2001.

Scientific Advisor to Massasauga Rattlesnake Recovery Team, Canadian Wildlife Service, Environment Canada 1999 – 2001.

Natural Areas Inventory Evaluation Group, advisory group to Planning Department, Hamilton-Wentworth Municipality, December 1993 - 1996.

Red Hill Creek Scholarship Committee, Hamilton Region Conservation Authority, September 1995.

### **Other Service Activities**

Served as an External Examiner for the Ph.D. exam of Gunnhild Marthinsen, Natural History Museum, University of Oslo, Norway, November 2007

Established and organized (with A. Snow and E. Marschall) Population Biology Seminar Group in Department of EEOB, Ohio State University from 2001 to 2003

Established and organized Evolution, Ecology and Behavior Seminar Series in Biology Department, McMaster University from 1995 to 2000

Co-organized two local one day meetings on Molecular Ecology at Queen's University Biology Station in March 1996, and March 1991

### **Courses Taught**

McMaster University (1992 – 2001)

Undergraduate

- 1996-2001 Biology 3FF3 – Evolution
- 1993-2001 Biology 4AA3 – Conservation Biology
- 1993-94 Env Sci 1A06 – Introduction to Environmental Science
- 1994-2001 Senior Thesis
- 1994 Community Ecology
- 1991,93,95 Biology 3R03/4J03 – Field Course – Molecular Ecology of Birds

Graduate

- 1994, 96, 99 Biology 724 – Molecular Ecology

Ohio State University (2001 – present)

Undergraduate

- 2008- BIOL 402 – Integrated Biology II
- 2002 – 07, 08- EEOB H400 - Honors Evolution
- 2003 – 07, 08- EEOB 694, 713 - Molecular Ecology (with A. Wolfe)

Graduate

- 2007- EEOB 881 – Graduate Seminar: Population Genetic Analyses (with L. Kubatko, P. Fuerst).
- 2007 EEOB 881 – Graduate Seminar: Coalescent Theory (with L. Kubatko, P. Fuerst).
- 2005 EEOB 881- Graduate Seminar: Analysis of Population Genetic Data
- 2004 EEOB 881 – Graduate Seminar: Adaptive Evolution of Genes and Genomes (with P. Fuerst)
- 2003 EEOB 881 – Graduate Seminar: Molecular Markers and Genetic Diversity in Plant Populations (with A. Snow)
- 2002 EEOB 881 – Graduate Seminar: Dispersal (with T. Grubb)

**Graduate Students:**

McMaster University (1992-2001)

- Cindy Bullough, M.Sc., 1993. “Inter- and intrapopulation analysis of bird species: results from VNTR and MHC genetic markers”
- Paul Miller, M.Sc., 1993. “Molecular genetic analysis of a Brown-headed Cowbird population”
- Gerry Alderson, M.Sc., 1996. “Parentage analyses of Brown-headed Cowbirds using microsatellite DNA markers”
- Emmanuel Milot, M.Sc., 1997. “Population genetic structure and phylogeography of Yellow Warblers inferred from mtDNA”
- Melanie Prosser, Ph.D. 1999. “Sexual selection in Northern water snakes.”
- Kevin Shonk, M.Sc., 2001. “Movement patterns, behavior and genetic measures of space use by Brown-headed Cowbirds”
- Natalie Bulgin, M.Sc., 2000. “Conservation genetics of Grasshopper Sparrows”

Bonnie Woolfenden, Ph.D. 2000. "Host use and mating patterns of Brown-headed Cowbirds"  
Rebecca Pearce, M.Sc. 2001. "Conservation genetics of eastern massasauga rattlesnakes"  
Marylene Boulet, Ph.D. 2004. "Evolutionary history and migration patterns in Yellow Warblers"

Ohio State University (2001- present)

Kelly Ketcham, M.S. 2004. "MC1-R variation in relation to small-scale melanin-based plumage variation in two passerine birds."

Wayne Rossiter, M.S. 2005. "Evolution of PLA2 venom genes in *Sistrurus* rattlesnakes."

James Chiucchi, Ph.D. 2004 - present. "Conservation genetics of snakes".

Katherine Greenwald, Ph.D. 2003- present. "Molecular ecology of salamanders" (jointly supervised with Tom Waite).

Tony Fries, M.S. 2006 – present. "Molecular evolution of tropical and temperate bird mitochondrial DNA".

### **Postdoctoral Researchers**

McMaster University (1992-2001)

Dr. Robert Dawson (Ph.D., Nottingham University), 1993-96. "Conservation genetics of Neotropical migrant birds"

Dr. Karen Marchetti (Ph.D., University of California – Davis). 1997-98. "Host race evolution in a brood parasitic bird, the Common Cuckoo". NATO Post-doctoral Fellow.

Dr. Beth MacDougall-Shackelton (Ph.D., Princeton University). 2000-01. "Melanistic plumage patterns in old world leaf warblers in relation to MC1R". NSERC Postdoctoral Fellow.

Ohio State University (2001- present)

Dr. Gabriel Blouin-Demers (Ph.D., Carleton University). 2001-02. "DNA-based parentage analysis of black ratsnakes". OSU Postdoctoral Fellow and NSERC Postdoctoral Fellow.

Dr. Kristin Mylecraine (Ph.D., Rutgers University). 2004 – 2008 "Genetic analyses to determine the racial composition of Canada Geese Harvested in Ohio".

Dr. Christine Anderson (Ph.D., Miami University). 2004 – present. "Bird conservation genetics".

Dr. Angelika Posel (Ph.D., University of Copenhagen). 2005 – present. "Song dialect evolution in White-crowned sparrows".

### **Administrative Responsibilities**

McMaster University (1992 – 2001)

Biology Undergraduate Studies Committee, 1992 - 01; Chair of Committee, 1999-2000

Health Physics Advisory Committee, 1996-97

Undergraduate Advisor, Faculty of Science, Honours (Science) Programme, 1996-98

Animal Research Ethics Board, 1995-96

Biology Plant Ecologist Search Committee, 1994-95

Biology Department Coordinator for Ontario Universities Program in Field Biology, 1991-98  
Biology Representative to Faculty of Science Curriculum Review Committee, 1992-94  
Biology Representative to Faculty of Science Undergraduate Admissions and Liaison  
Committee, 1992-94

Ohio State University (2001 – present)

College and University Committees:

Institutional Laboratory Animal Care and Use Committee, 2002-03  
Graduate School, University Postdoctoral Fellowship Committee, 2003 – 04  
College of Biological Sciences Faculty Advisory Committee, 2004-07

Department Committees:

EEOB Promotion and Tenure Committee: 2001-  
EEOB Seminar Committee, 2001-03; Chair of Committee: 2002 - 03  
EEOB Advisory Committee, 2002 – 04, 2008-  
EEOB Graduate Studies Committee, 2001-02, 2005- ; Chair of Committee 2005-  
EEOB Graduate Admissions Committee 2005-  
EEOB Animal Systematist Search Committee, 2002-03  
EEOB Communications Committee, 2003 - 05; Chair of Committee: 2004-05

1 September 2008