

Curriculum Vitae - Dr. Bernard Crespi



Brief Overview of Contributions & Accomplishments

- (1) Canada Research Chair in Evolution and Psychology, Tier I, in 2017.
- (2) Election to the Royal Society of Canada in 2010.
- (3) Killam Research Fellowship in 2005.
- (4) Two publications in *Science*, six in *Nature* (two of them single-authored), and five in *PNAS*.
- (5) Over 180 refereed publications overall, and five books.
- (6) Ten members from my laboratory now in tenured or tenure-track academic positions.
- (7) Multiple major international awards in evolutionary and behavioral biology (Theodosius Dobzhansky Prize from the *Society for the Study of Evolution*, E. O. Wilson Award from the *American Society of Naturalists*, and Quest Award from the *Animal Behavior Society*).
- (8) Collaborations that have led to publications with various SFU faculty (e. g., Gries and Christians), and training of students and PDFs and free and open use of my lab, for various DNA work (e. g., Cory, Lank and Williams).
- (9) Foundational and central member and contributor in two research groups, Fab-Lab and HESP (Human Evolutionary Studies Program).
- (10) Exemplary teaching, as evidenced, for example, by my teaching reviews, my merit increases, and a statement to me from our Undergraduate Adviser

that my Evolution of Health and Disease course BISC 441 is 'the most popular course in the Department'.

(11) Consistent contributions over the years to service in the Department, and participation in many Departmental extra-curricular activities such as talk series and presentations to high school students.

Research Summary

The main purpose of my research program is to use integrated genetic, behavioural, ecological and phylogenetic approaches to study the evolution of social and sexual systems across all levels in the hierarchy of life, from genes, to cells, to organisms, to social systems, and to the brain.

In my lab we study several of the outstanding and emerging questions in evolutionary biology, including the evolution of social behaviour, the evolution of human health and disease, the evolution of placentation and maternal-fetal interactions, the evolution of asexual reproduction, and the roles of genetics, ecology and geography in speciation and adaptive radiation. As research systems we use non-clinical ('normal') humans and insects, mainly walking sticks, with a combination of fieldwork, molecular genetics, phylogenetics, and behavioral and evolutionary ecology.

Our research currently focuses on: (1) the proximate mechanisms of reproductive isolation and speciation in walking-sticks, (2) the roles of imprinted genes in human cognition and psychiatric conditions, (3) the functions of 'autism risk' and 'schizophrenia risk' genes in non-clinical populations, (4) the integration of human evolutionary genetics with disease genetics, and (5) extending and testing a model that we developed for human cognitive architecture and psychiatric conditions, whereby autism spectrum and psychotic-affective spectrum disorders represent diametric (opposite) conditions mediated by cognitive tradeoffs.

Educational Background

1987 Ph.D. Biology, *University of Michigan*, Ann Arbor, U.S.A, with Richard D. Alexander (Chair), William D. Hamilton, Richard W. Wrangham, and Bobbi S. Low.

1980 B.Sc. Biology (Honors), *University of Chicago*, Chicago, IL, U.S.A.

Employment History at Academic Institutions

2002 - Current	Professor, Biological Sciences, Simon Fraser University
1997 - 2001	Associate Professor with tenure, Biological Sciences, Simon Fraser University
1992 - 1997	Assistant Professor, Biological Sciences, Simon Fraser University
1991 - 1992	NSF Environmental Biology Postdoctoral Fellow, Section of Ecology and Systematics, Corson Hall, Cornell University, with Rick Harrison
1989 - 1990	NATO-NSF Postdoctoral Fellow, Animal Behaviour Research Group Department of Zoology, Oxford University, with W. D. Hamilton
1988 - 1989	NSF Environmental Biology Postdoctoral Fellow, School of Biological Science, University of New South Wales, with Ross Crozier

Refereed Publications

Riesch, R., Muschick, M., Lindtke, D., Villoutreix, R., Comeault, A.A., Farkas, T.E., Lucek, K., Hellen, E., Soria-Carrasco, V., Dennis, S.R. and de Carvalho, C.F. (2017) Transitions between phases of genomic differentiation during stick-insect speciation. *Nature Ecology & Evolution*, 1, p.0082.

Crespi, B., Read, S. and P. Hurd (2017) Segregating polymorphisms of FOXP2 are associated with measures of inner speech, speech fluency and strength of handedness in a healthy population. *Brain and Language* (in press)

Procyshyn, T., Hurd, P., Crespi, B. (2017) Association testing of vasopressin receptor 1a microsatellite polymorphisms in non-clinical autism spectrum phenotypes. *Autism Research* 10:750-756

Procyshyn TL, Spence J, Read S, Watson NV, Crespi BJ. (2017) The Williams syndrome prosociality gene GTF2I mediates oxytocin reactivity and social anxiety in a healthy population. *Biology Letters* 13.

Crespi BJ, Procyshyn TL. (2017) Williams syndrome deletions and duplications: Genetic windows to understanding anxiety, sociality, autism, and schizophrenia. *Neuroscience and Biobehavioral Reviews* 79:14-26.

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Crespi, B. J. (2016) The evolutionary etiologies of autism spectrum and psychotic-affective spectrum disorders. Chapter 20. In: *Evolutionary Thinking in Medicine: From Research to Policy and Practice*. Edited by Alexandra Alvergne. Oxford University Press.

Crespi, B. (2016) The convergent and divergent evolution of social-behavioral economics. *Behavioral and Brain Sciences* 39:e96.

Crespi, B. (2016) The kin selection of religion. In: *Oxford Handbook of the Evolution of Religion* (eds. J. M. Liddle and T. Shackelford) (in press).

Crespi, B., E. Leach, N. Dinsdale, and P Hurd (2016) Imagination in human social cognition, autism, and psychotic-affective conditions. *Cognition* 150:181-199.

Robinson, K. J., P. Hurd, S. Read, and B. Crespi (2016) The PCSK6 gene is associated with handedness, the autism spectrum, and magical ideation in a non-clinical population. *Neuropsychologia* 84:205-212.

Dinsdale, N., M. Mokkonen and B. Crespi (2016) The 'extreme female brain'; increased cognitive empathy as a dimension of psychopathology. *Evolution and Human Behavior* DOI: <http://dx.doi.org/10.1016/j.evolhumbehav.2016.02.003>

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Crespi, B. and M. Go. (2015) Diametrical diseases reflect evolutionary-genetic tradeoffs: evidence from psychiatry, neurology, rheumatology, oncology and immunology. *Evolution, Medicine and Public Health* 2015: 216-253.

Kolte, A.M., H. S. Nielsen, R. Steffensen, B. Crespi and O. B. Christiansen (2015) Inheritance of the 8.1 ancestral haplotype in recurrent pregnancy loss. *Evolution, Medicine, and Public Health*, 2015:325-331.

Arnal, A., B. Ujvari, B. Crespi, R. A. Gatenby, T. Tissot, M. Vittecoq, P. W. Ewald, A. Casali, H. Ducasse, C. Jacqueline and D. Missé (2015) Evolutionary perspective of cancer: myth, metaphors, and reality. *Evolutionary Applications*, 8:541-544.

Arbuthnott, D., T. Schwander and B. J. Crespi (2015) Female stick insects mate multiply to find compatible mates. *American Naturalist* 186:519-530.

Crespi, B. J. and P. L. Hurd (2015) Genetically-based correlates of serum oxytocin and testosterone in autism and schizotypy. *Personality and Individual Differences* 79:39-43.

Mökkonen, M. and B. J. Crespi (2015) Genomic conflicts and sexual antagonism in human health: insights from oxytocin and testosterone. *Evolutionary Applications* 8:307-325.

Crespi, B. J. (2015) Cognitive tradeoffs and the costs of resilience. *Behavioral and Brain Sciences* 38:e99.

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Crespi, B. J. (2015) Oxytocin, testosterone and human social cognition. *Biological Reviews* 2015: doi: 10.1111/brv.12175.

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Crespi, B. J. and P. L. Hurd (2014) Cognitive-behavioral phenotypes of Williams syndrome are associated with genetic variation in the GTF2I gene, in a healthy population. *BMC Neuroscience* 15:1-6

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Leach EL, Prefontaine G, Hurd PL, Crespi BJ. (2014) The imprinted gene LRRTM1 mediates schizotypy and handedness in a nonclinical population. *Journal of Human Genetics* 59(6):332-336.

Ablard. K., K. Simonetto, L. Weir. B. Crespi, P. Schaefer, G. Gries (2014) First-male sperm precedence and the post-copulatory ritual in the parasitoid wasp *Oencyrtus kuvenae*. *Canadian Entomologist* 146:548-559.

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Crespi, B. J. (2009) Social conflict resolution, life history theory, and the reconstruction of skew. In: *Reproductive Skew in Vertebrates*, edited by C. Jones and R. Hager, Cambridge University Press.

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Chapman, T.W. and B.J. Crespi (2008) The Evolutionary Ecology of Eusociality in Australian Gall Thrips: a 'Model Clades' Approach. In: *Ecology of Social Evolution* (editors Judith Korb and Jurgen Heinze). Princeton University Press.

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Crespi B.J., K. Summers and S. Dorus (2007) Adaptive evolution of genes underlying schizophrenia. *Proceedings of the Royal Society of London B* 274:2801-2810.

Crespi B. J. (2007) Sly FOXP2: Genomic conflict in the evolution of language. *Trends in Ecology and Evolution* 22:174-175.

Crespi B. (2007) Comparative Evolutionary Ecology of Social and Sexual systems: Water-breathing Insects Come of Age. Pages 442-460, IN: E. Duffy and M. Thiel (Editors). *Evolutionary Ecology of Crustacea*, Oxford University Press.

Joy J. and Crespi, B. (2007) Adaptive radiation of gall-inducing insects on a single host plant. *Evolution* 61: 784-795.

Nosil P., B. J. Crespi, R. Gries, G. Gries. (2007) Natural selection and divergence in mate preference during speciation. *Genetica* 129:309-27.

McLeish M. J., Crespi, B. J., Chapman, T. W., and Schwarz, M. P. (2007) Parallel diversification of Australian gall-thrips on *Acacia*. *Molecular Phylogenetics and Evolution* 43:714-725.

Springer S. A. and B. J. Crespi (2007) Adaptive gamete-recognition divergence in a hybridizing *Mytilus* population. *Evolution* 61:772-83.

Parent C. E. and Crespi B. J. (2006) Sequential colonization and diversification of Galapagos endemic land snail Genus *Bulimulus* (Gastropoda, Stylommatophora). *Evolution* 60:2311-28.

Bono J and B. J. Crespi (2006) Costs and benefits of joint colony founding in Australian *Acacia* thrips. *Insectes Sociaux* 53:489-495.

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Nosil P, Crespi B. J. (2006) Ecological divergence promotes the evolution of cryptic reproductive isolation *Proceedings of the Royal Society of London B* 273:991-997.

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Harrison M. H. and B. J. Crespi. (1999) A phylogenetic test of ecomorphological adaptation in *Cancer* crabs. *Evolution* 53:961-965.

Morris D. L. A. Mound, M. P. Schwarz and B. J. Crespi. (1999) Morphological phylogenetics of Australian gall-inducing thrips and their allies: the evolution of host-plant affiliations, domicile use, and social behaviour. *Systematic Entomology* 24:289-299.

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Mound L.A. and B.J. Crespi. (1992). The complex of phlaeothipine thrips (Insecta: Thysanoptera) in woody stem galls on Casuarina in Australia. *Journal of Natural History* 26: 395-406.

Elgar M. and B.J. Crespi. (1992). *Cannibalism: Ecology and Evolution among Diverse Taxa*. Oxford University Press, Oxford, U.K. (edited volume)

Crespi B.J. (1991). Heterozygosity in the haplodiploid Thysanoptera. *Evolution* 45: 458-464.

Alexander R.D., K. Noonan, and B.J. Crespi. (1991). The evolution of eusociality, pp. 3-44 In: P.W. Sherman, J. Jarvis, and R.D. Alexander (eds.) *The Biology of the Naked Mole Rat*. Princeton University Press.

Crespi B. J. (1990) Subsociality and female reproductive success in a mycophagous thrips: an observational and experimental analysis. *Journal of Insect Behavior* 3:61-74.

Crespi B. J. (1990) The measurement of selection on phenotypic interaction systems. *American Naturalist* 135:32-47.

Crespi B. J. and P.D. Taylor. (1990). Dispersal rates under variable patch density. *American Naturalist* 135:48-62.

Crespi B. J. (1989) Facultative viviparity in a thrips. *Nature* 337:357-358.

Crespi B. J. and F. L. Booksein. (1989) A path-analytic model for the measurement of selection on morphology. *Evolution* 43:18-28.

Frank S. A. and B. J. Crespi (1989) Synergism between sib-rearing and female-biased sex ratios. *Behavioral Ecology and Sociobiology* 24:155-162.

Crespi B.J. (1989) Variable selection and size-related mating patterns in natural populations of *Elaphrothrips tuberculatus*: A path analysis. *American Midland Naturalist* 122: 142-150.

Crespi B. J. (1989) Causes of assortative mating in arthropods. *Animal Behaviour* 38:980-1000.

Crespi B. J. (1989) Sexual selection and assortative mating in subdivided populations of the thrips *Elaphrothrips tuberculatus* (Insecta: Thysanoptera). *Ethology* 3:265-278.

Crespi B. J. (1988) Sex ratio selection in a bivoltine thrips: Conditional sex ratio manipulation and fitness variation. *Evolution* 42:1199-1211.

Crespi B. J. (1988) Risks and benefits of lethal male fighting in the polygynous, colonial thrips *Hoplothrips karnyi*. *Behavioral Ecology and Sociobiology* 22: 293-301.

Crespi B. J. (1988) Adaptation, compromise and constraint: the development, morphometrics and behavioral basis of a fighter-flier polymorphism in male *Hoplothrips karnyi*. *Behavioral Ecology and Sociobiology* 23: 93-104.

Crespi B. J. (1988) Alternative male mating tactics in a thrips: effects of sex ratio variation and body size. *American Midland Naturalist* 119: 83-92.

Crespi B. J. (1986) Size assessment and alternative fighting tactics in *Elaphrothrips tuberculatus* (Insecta: Thysanoptera). *Animal Behaviour* 34: 1324-1335.

Crespi B. J. (1986) Territoriality and fighting in a colonial thrips, *Hoplothrips pedicularius*, and sexual dimorphism in Thysanoptera. *Ecological Entomology* 11: 119-130.

Other Publications

Crespi B. J., D. C. Morris and L. A. Mound (2004) *Evolution of Ecological and Behavioural Diversity: Australian Acacia Thrips as Model Organisms*. Australian Biological Resources Study & CSIRO Entomology: Canberra, Australia. Book, 328 pages.

Crespi B.J. (2000) Closing the loop. Molecular Evolution: A Phylogenetic Approach. *Bioessays* 22:405. (book review)

Crozier R. and B.J. Crespi (2000) A life of insight - in Memorium William D. Hamilton (1936-2000). *Obituary. Insectes Sociaux* 47:1.

Crespi B.J. (2000) From genes to religion, and back. *Levels and Units of Selection: Journal of Evolutionary Biology*. 13:732-733. (book review)

Crespi B. J. (1998). Thysanoptera, An Identification Guide, 2nd Edition. *Systematic Entomology*. 24:101. (book review)

Choe J. and B. J. Crespi. (1997) The Evolution of Mating Systems in Insects and Arachnids. Cambridge University Press. (edited volume).

Choe J. and B.J. Crespi. (1997) The Evolution of Social Behavior in Insects and Arachnids. Cambridge University Press. (edited volume).

Crespi B. J. (1996) Thrips Biology and Management. *Quart. Rev. Biol.* 71:584. (book review)

Crespi B. J. (1995) Food for thought. Nutrition and Evolution in Insect Societies. *Journal of Insect Behavior* 8: 731-733. (book review)

Crespi B. J. (1995) Chemical Ecology of Thrips-Host Plant Interactions. *Bulletin Entomological Society of Canada* 27:105-106. (book review)

Crespi B. J. (1990) The social and sexual behavior of Australian gall thrips. pp. 297-298. In: Social Insects and the Environment. Proceedings of the XXIst International Congress of Entomology, Bangalore.

Crespi B. J. (1987) Fighting behaviour in male tubuliferan thrips. pp. 424-425. In: J. Holman, J. Pelikan, A.F.G. Dixon and L. Weismann (eds.). Population Structure, Genetics and Taxonomy of Aphids and Thysanoptera. SPB Academic Publishing, The Hague, Netherlands.

Crespi B. J. (1987) Behavioral Ecology of Mycophagous Thysanoptera. Ph.D. Thesis. University of Michigan, Ann Arbor.

Conferences, Workshops and Presentations

Invited Talks

2017 Sydney University, Australia, Invited Departmental Seminar

2016 Public Lecture, Vancouver, SFU Harbour Centre, on mental health

2015 Yale University, Invited Departmental Seminar, and lecture to Evolutionary Medicine class

2015 Arizona State University, Invited Symposium Talk

2014 University of Lausanne, Switzerland, Invited 'Big Talk' Seminar

2014 McMaster University, Margo Wilson Memorial Lecture (also considered as an Award)

2014 University of British Columbia, Conference on Developmental Origins of Adult Disease, Invited Seminar

2014 CNRS meeting on Evolution and Cancer, Roscoff, France, Invited Talk

2014 Arizona State University, Invited Seminar

2013 University of Haifa, Israel, Evolution of Child Health Conference

2012 Simon Fraser University, 'Taste of Pi' talk to high school students in math and science

2012 University of California San Diego, CARTA symposium on Human Origins, two invited talks (one a public lecture)
<http://carta.anthropogeny.org/mediaplayer/play/10347/7092>

2012 University of Michigan, Ann Arbor, Department of Ecology and Evolution, Departmental Seminar

2012 University of Michigan, Ann Arbor, Public Health and Epidemiology, Invited Seminar.

2012 Palo Alto Institute Conference on Evolutionary Medicine, Stanford University
<http://www.youtube.com/watch?v=kEDDgoOSPZ0>

2012 Department Seminar, University of Toronto Scarborough

2012 UBC Centre for Molecular Medicine and Therapeutics, Seminar

2012 Harvard University, Departmental Seminar in Organismal and Evolutionary Biology, and Evolutionary Medicine course guest lecture

2012 University of California Los Angeles, Department of Ecology and Evolution and David Geffen School of Medicine, Public Lecture for 'Darwinian Medicine Month'

2012 Department Seminar, Department of Molecular Medicine, University of California San Diego

2012 NESCent meeting on Genomic Imprinting, Durham, North Carolina, Invited Participant.

2011 UBC, Biodiversity series, Zoology

2011 Society for the Study of Evolution, Evolutionary Medicine Symposium, Invited talk

2010 Gordon Conference, Genes & Behaviour, Invited Speaker, Ventura, California

2010 University of British Columbia, Mood Disorders Clinic, Grand Rounds

2009 University of British Columbia, Brain Research Institute

2009 Canadian Society of Physical Anthropology, Invited Plenary Speaker, Vancouver.

2009 'Darwin and Your Brain' Public Lecture, Harbour Centre, Simon Fraser University. <http://www.youtube.com/watch?v=bT4xlw4rc7Q>

2008 Departmental Seminar SFU Department of Biosciences

2008 Departmental Seminar SFU Department of Archaeology

2008 Departmental Seminar SFU Department of Psychology

2008 Departmental Seminar SFU Department of Engineering Sciences

2008 US National Academy Sackler Symposium, Washington DC

2008 Invited Seminar, Yale University, Conference on Evolutionary Medicine

2007 Invited Seminar, UBC Brain Research Institute

2007 Invited Plenary Speaker, Conference on Depression, London UK

2002 University of Massachusetts. "The Charles P. Alexander Lecture"

2001-2007	Almost all invitations declined due to three small children at home
2000	Plenary Speaker. North American Section, International Union for the Study of Social Insects, Arkansas
1999	University of Puget Sound
1999	University of Guelph
1998	Santa Fe Institute Meeting on Social Evolution
1998	University of California, Davis
1998	University of Paris (Juisseau Campus).
1998	University of Victoria
1998	Plenary Speaker, International Union for the Study of Social Insects, Adelaide.
1998	Penn State University
1998	University of Alberta
1997	European Science Foundation Workshop on Social Behavior, Castleton, U.K.
1997	University of Santa Barbara
1997	University of Maryland
1996	University of Calgary
1996	University of Alberta
1995	University of Kansas
1994	University of Montana, Missoula
1994	Plenary Speaker, Northeast Regional Animal Behavior Meetings, New Hampshire
1994	Animal Behavior Society, Invited Symposium Speaker, Seattle
1994	Society of the Study of Evolution, Athens, Georgia
1994	Animal Behavior Society, Seattle
1994	Northeast Regional Animal Behavior Meetings, New Hampshire
1992	Harvard University, Cambridge, Mass.
1992	University of Connecticut, Storrs
1992	University of British Columbia
1992	Simon Fraser University, Burnaby, B.C.
1992	LaTrobe University, Melbourne
1991	Cornell University, Ithaca
1991	Penn State University, University Park, P.A.
1991	University of Toronto
1991	Queen's University Biological Station, Ont.
1991	Simon Fraser University, Burnaby, B.C.

1990	Syracuse University, N.Y.
1990	University of Sheffield, U.K.
1990	Brown University, Providence, R.I.
1990	Imperial College at Silwood Park, U.K.
1990	University of New Mexico, Albuquerque, N.M.
1990	University of Keele, U.K.
1990	University of Rochester, Rochester, N.Y.
1989	Australian National University, Canberra, ACT.
1989	Oxford University, Oxford, U.K.
1989	Cambridge University, Cambridge, U.K.
1989	University of Illinois, IL.
1989	Princeton University, N.J.
1989	University of New South Wales, NSW
1989	University of Queensland, Brisbane, QLD.
1988	University of California, Irvine, CA.
1988	University of Florida, Gainesville, FL.
1988	Simon Fraser University, Burnaby, B.C.
1987	University of Rochester, Rochester, N.Y.
1986	University of Georgia, Athens, GA.
1985	Oxford University, Oxford, U.K.

Presentations

2005-2015	Talks presented by 1-4 of my students and PDFs every year (except 2006) at Society for the Study of Evolution and other meetings
2004	Society for the Study of Evolution (4 talks)
2004	International Congress of Entomology, Brisbane (1 talk)
2003	Society for the Study of Evolution (3 talks)
2002	Society for the Study of Evolution (3 talks, 1 poster, with P. Nosil, C. Parent, S. Springer, J. Joy).
2002	Invited Symposium Speaker, International Union for the Study of Social Insects, Sapporo, Japan. 2002.
2001	Society for the Study of Evolution (2 talks, 1 poster, with P. Nosil, T. Chapman, B. Kranz, D., K. Bejah, M. Schwarz, J. Law)
2000	North American Section, International Union for the Study of Social Insects, Arkansas
1998	International Union for the Study of Social Insects, Adelaide, Australia. (with B. Kranz, first author and M.P. Schwarz)
1998	Society for the Study of Evolution (with M. Worobey)

1998 Society for the Study of Evolution (with T. Chapman, first author).

1998 Society for the Study of Evolution (with M. Harrison, first author).

1998 Society for the Study of Evolution (with C. Sandoval, first author, and D. Carmean)

1997 Society for the Study of Evolution (with B. Kranz, first author, M.P. Schwarz and L. Mound)

1997 Society for the Study of Evolution. (with T. Chapman, first author)

1997 Society for the Study of Evolution (with M. Harrison, first author).

1996 Behavioral Ecology Society, Canberra. (with T. Chapman)

1996 Speciation Meeting. "Speciation Meeting" Endless Forms: Species and Speciation" Asilomar, CA, (with *C. Sandoval, first author and D. Carmean)

1996 International Congress of Entomology, Florence. (with *B. Kranz, first author, M.P. Schwarz and L.A. Mound)

1996 Behavioral Ecology Society, Canberra (with B. Kranz, first author, and M.P. Schwarz)

1995 Entomological Society of Canada, Victoria

1995 Society for the Study of Evolution, Montreal

1995 Entomological Society of Canada, Victoria

1995 Society of the Study of Evolution, Montreal. (with P. Abbot and D. Carmean)

1994 Society of the Study of Evolution, Athens, Georgia

1992 Society for the Study of Evolution, Berkeley

1991 European Society of Evolutionary Biology, Debrecen, Hungary

1990 International Union for the Study of Social Insects, Bangalore, India

1989 Society for the Study of Evolution, Penn. State

1988 Society for the Study of Evolution, Asilomar, CA.

1988 International Congress of Entomology, Vancouver, B.C.

1987 Society for the Study of Evolution, Bozeman, MT.

1987 International Ethological Conference, Madison, WI.

1987 Animal Behavior Society, Williamstown, M.A.

1986 Animal Behavior Society, Tucson, AZ.

Research Funding

Contract/Grant: Discovery Grant **Awarded:** 2014 **Period:** 2014 – 2019
Project Title: Tradeoffs, Conflicts and Cooperation in the Evolution of Behaviour and Reproduction
Funding: NSERC **Type:** External **Annual:** \$62,200 **Total:** 311,000
Involvement: Principal Investigator

Contract/Grant: Discovery Grant **Awarded:** 2009 **Period:** 2009 – 2014
Project Title: Integrating Phylogenetics, Evolutionary Genetics & Molecular Ecology in the Study of Diversification
Funding: NSERC **Type:** External **Annual:** \$82,400 **Total:** 412,000
Involvement: Principal Investigator
PLUS Discovery Grant Accelerator Supplement, 2010-2012, 3 years, 40,000/year

Contract/Grant: SFU Community Trust Endowment **Awarded:** 2011 **Period:** 2011-2016
Project Title: Human Evolutionary Studies Program
Type: Internal **Total:** \$1,143,125 **Involvement:** Investigator, with Mark Collard, (Archaeology) Arthur Robson (Economics), Greg Dow (Business), Arne Mooers (Biological Sciences), P. Nepomnaschy (Health Sciences)

Contract/Grant: Equipment Grant **Awarded:** 2012 **Period:** 2012-2012
Project Title: Illumina Mi-Seq DNA Sequencer
Funding: NSERC **Type:** External **Total:** \$136,083
Involvement: Investigator **Collaboration:** M. Hart, F. Breden, H. Hutter, R. Leroux, J. Mattsson, P. Unrau.
Institution of Co-Investigator(s): SFU

Contract/Grant: Discovery Grant **Awarded:** 2004 **Period:** 2004 - 2009
Project Title: An Integrated Phylogenetic and Behavioral-Ecological Approach to the Evolution of Adaptive Radiation
Funding: NSERC **Type:** External **Annual:** \$75,500 **Total:** 377,500
Involvement: Principal Investigator

Contract/Grant: Research Grant **Awarded:** 2002 **Period:** 2002 - 2005
Project Title: Co-Evolution of Sociality and Sex Allocation: Phylogenetic Comparative Approaches Using Insects.
Funding: Australian Research Council Discovery Grant **Type:** External **Annual:** 120,000 AUS **Total:** 360,000 AUS
Involvement: Principal Investigator **Collaboration:** I am a "1st partner" on this grant, which supports my lab's travel and fieldwork

Contract/Grant: Equipment Grant **Awarded:** 2004 **Period:** 2004 - 2004
Project Title: An Inexpensive DNA Sequencer for Microsatellite Genotyping in Evolutionary Ecology
Funding: NSERC **Type:** External **Annual:** \$21,463 **Total:** 21,463
Involvement: Principal Investigator **Collaboration:** M. Hart, E. Elle, F. Breden
Institution of Co-Investigator(s): SFU

Contract/Grant: Operating Grant **Awarded:** 1999 **Period:** 1999 - 2004
Project Title: "An Integrated Phylogenetic and Ecological Approach to the Evolution of Insect Reproductive Behaviour"
Annual: \$59,800 **Total:** \$299,000
Involvement: Principal Investigator

Contract/Grant: Research Grant **Awarded:** 2000 **Period:** 2000 - 2002
Project Title: Evolution of Social Behaviour in Australian gall-forming thrips n Acacia
Funding: Australian Research Council, Large Grant **Type:** External **Total:** \$318,000 AUS
Involvement: Principal Investigator **Collaboration:** I am "1st partner" on this grant, which supports my lab's travel and fieldwork

Contract/Grant: Equipment Grant **Awarded:** 2000 **Period:** 2000 - 2000
Project Title: "Thermal Cycler for Polymerase Chain Reaction"
Funding: NSERC **Type:** External **Total:** \$12,642
Involvement: Principal Investigator

Contract/Grant: Research Grant **Awarded:** 1997 **Period:** 1997 - 1999
Project Title: Social Behaviour, Ecology and Evolution of Australian gall-forming thrips and their allies.
Funding: Australian Research Council, Large Grant **Total:** \$212,000
Involvement: Principal Investigator **Collaboration:** I am "1st partner" on this grant, which supports my lab's travel and fieldwork.

Contract/Grant: GREAT Award **Awarded:** 1997 **Period:** 1997 - 1999
Project Title: Cancer crab population structure
Funding: B.C. Science Council **Total:** \$34,000

Contract/Grant: Operating Grant **Awarded:** 195 **Period:** 1995 - 1999
Project Title: "An Integrated Phylogenetic and Ecological Approach to the Evolution of Insect Reproductive Behaviour".
Funding: Natural Science and Engineering Research Council **Annual:** \$37,800

Contract/Grant: Operating Grant **Awarded:** 1992 **Period:** 1992 - 1994
Project Title: "An Integrated Phylogenetic and Ecological Approach to the Evolution of Insect Reproductive Behaviour"
Funding: Natural Science and Engineering Research Council **Annual:** \$32,200 **Total:** \$96,600

Contract/Grant: Equipment Grant **Awarded:** 1993 **Period:** 1993 - 1993
Project Title: "Ultra-low Temperature Freezer for Preserving Biological Activity of Allozyme, DNA and Tissue Samples"
Funding: Natural Science and Engineering Research Council **Total:** \$12,472

Contract/Grant: Development Grant **Awarded:** 1991 **Period:** 1991 - 1993
Project Title: "The Social Biology of Australian Gall Thrips" (for two periods of five-month's work on the social biology and genetics of Australian gall thrips.)
Funding: National Geography Society **Total:** \$24,800 US

Contract/Grant: Equipment Grant **Awarded:** 1992 **Period:** 1992 - 1992
Project Title: "A Cetus Thermal-Cycler for the Polymerase Chain Reaction"
Funding: Natural Science and Engineering Research Council **Total:** \$11,502

Contract/Grant: President's Fund **Awarded:** 1992 **Period:** 1992 - 1992
Project Title: "An Integrated Phylogenetic and Ecological Approach to the Evolution of Reproductive Behaviour"
Funding: Simon Fraser President's Fund **Total:** \$7,000

Contract/Grant: Fellowship Grant **Awarded:** 1989 **Period:** 1989 - 1991
Project Title: "Molecular Genetic and Systematics of Thysanoptera" (For two years of work on evolution and genetics of Thysanoptera.)
Funding: NSF Environmental Biology Post-Doctoral Fellowship Grant

Contract/Grant: Research Grant **Awarded:** 1990 **Period:** 1990 - 1990
Project Title: "Genetic Analysis of Sex Ratio Evolution in Colonial Hoplothrips". (For electrophoretic work on Hoplothrips)
Funding: Natural Environmental Research Council **Total:** \$2,700
Involvement: Joint Investigator **Collaboration:** (with Professor W.D. Hamilton).

Contract/Grant: Fellowship Grant **Awarded:** 1989 **Period:** 1989 - 1990
Project Title: "Genetic Analysis of Sex Ratio Evolution in Colonial Hoplothrips". (For one year of work at Oxford University on sex ratio selection in Hoplothrips.)
Funding: NSF-NATO Post-Doctoral Fellowship

Active Service to Simon Fraser University

Departmental Committees

2014 - 2015	Member (Alternate), Tenure and Promotion Committee
2012 - 2012	Member, Lecturer Search Committee
2011 - 2013	Member, Tenure and Promotions Committee
2010 – 2011	Chair, Strategic Planning Committee
2008 - 2009	Member, Tenure and Promotions Committee
2005 - 2008	Killam Research Fellowship, with Administrative Leave
2004 - 2005	Member, Tenure and Promotions Committee
2004 - 2005	Member, Physiology Search Committee
2002 - 2003	Member, Appointments Committee
2001 - 2002	Limited service on Departmental Committees due to (1) NSERC GSC-18 duties, (2) service on four Editorial Boards, (3) Parental leave. I was, however, an active participant in Departmental Meetings.
1999 - 2000	Member, Evolutionary Physiology Search Committee
1998 - 2000	Chair, Departmental Strategic Planning Committee
1998 - 2000	Member, Departmental Tenure Committee
1998 - 2000	Member, Course Planning Group
1998 - 2000	Member, Appointments Committee
1997 - 1999	Member, Plant Evolutionary Ecology Search Committee
1995 - 1996	Member, Genetics Search Committee
1993 - 1996	Member, Departmental Graduate Studies Committee
1994 - 1995	Member, Departmental Tenure Committee
1994 - 1995	Member, Departmental Structure Working Group

Service to the Academic Community

2015 - 2016	Co-organizer, Evolution and Human Behavior Meeting, Vancouver
2015 - 2015	Consultant (unpaid) for DARPA, minimalist biosocial systems
2014 - 2014	Co-organizer, Workshop on Evolutionary Aspects of Child Development and Health, Harbour Centre
2013 - 2015	Adjudication Committee, Society for the Study of Evolution, for E. O. Wilson Award (Chair in 3rd year)
2012 - 2015	Faculty Adviser to the University of British Columbia Medical Student Association's 'Evolutionary Medicine' Club
2012 - 2012	Canadian Institute of Health Research, Epigenetics Panel
2012 - 2016	Editorial Board, Evolution, Medicine & Public Health (and Reviews Editor)
2012 - 2016	Editorial Board, Evolution, Medicine and Public Health
2009 - 2010	Michael Smith Foundation for Health Research, Review Panel, Clinical Research
2008 - 2009	Grants Panel, US National Cancer Institute
2008 - 2015	Editorial Board, Evolutionary Applications
2008 - 2016	Evolution and Medicine Review, 'Senior Correspondent'
2008 - 2009	Coordinator, International Union for the Study of Social Insects, 2010 meeting
2008 - 2009	NSERC, Major Facilities Grants, Adjudication Panel Member
2007 - 2008	Canada Research Chairs, College of Reviewers (member of panel that adjudicates CRC applications from Universities across Canada)
2003 - 2006	Associate Editor, American Naturalist
2001 - 2016	External Examiner on Theses
2001 - 2015	Tenure and Full-Professor Promotion reviews (about 10 Universities, details confidential)
1992 - 2016	Reviewer for journals: American Naturalist, Autism, Behavioral Ecology, behavioral Ecology and Sociobiology, Canadian Entomologist, Ecoscience, Evolution, Evolutionary Applications, Insectes Sociaux, Molecular Biology and Evolution, Molecular Phylogenetics and Evolution, Nature, Quarterly Review of Biology, Science, Systematic Entomology, Systematic Zoology, Trends in Ecology and Evolution, various others
1992 - 2016	Reviewer of grant proposals, ARC, MRC, NERC, NSERC, NSF
2002 - 2003	Chair, NSERC Grant Selections Committee 18 (Ecology and Evolution)
2000 - 2003	Member, NSERC Grant Selections Committee 18 (Ecology and Evolution) (equivalent of NSF Panel Member).
2002 - 2002	Symposium Organizer, International Union for the Study of Social Insects, Sapporo, 2002.
2000 - 2002	Associate Editor, Evolution

1999 - 2002	Editorial Board, Journal of Evolutionary Biology
1999 - 2002	Editorial Board, Journal of Ethology
1997 - 2002	Advisory Editor, Behavioral Ecology and Sociobiology
1995 - 2002	I established and ran an electronic mail network for scientists who use the polymerase chain reaction and DNA sequencing for insect systematics and populations biology.
1999 - 2000	Reviewer for Full Professor Decisions (or equivalent) (Dates Confidential), Smithsonian Institution, Ben-Gurion University
1999 - 2000	I was an organizer of the Canadian Society for Ecology and Evolution at its instantiation
1998 - 2016	I have given many interviews on my work to the CBC and other media.
1997 - 2000	Member, NSERC GSC-18 Reallocation Steering Committee

Awards, Honors and Scholarships

2017	Canada Research Chair, Tier 1, 2017-2024 (\$1.4 million)
2016	Sterling Prize in Support of Controversy, Simon Fraser University
2015	QUEST Award, Animal Behavior Society, for 'outstanding seminal contributions in animal behavior'
2013	My honours student (and coauthor) Helen Crofts was her Class Valedictorian
2010	Induction into the Royal Society of Canada
2009	My PDF Tanja Schwander won the John Maynard Smith Award from the European Society for Evolutionary Biology (the Society's major Award honoring a young Evolutionary Biologist)
2008	Appointment to 'University Professorship' Chair at Simon Fraser University
2008	Appointment as "Founding Fellow", UBC Institute of Mental Health.
2007	My PhD student Patrik Nosil won the NSERC Doctoral Prize (awarded for best two theses in Canada every year), the Governor General of Canada Gold Medal Award, and the Dobzhansky Prize (a top award from the Society for the Study of Evolution)
2005	Killam Research Fellowship, Canada Council for the Arts
2004	Whitley Award Research Organization: Royal Society of New South Wales, Australia Details: for best book in evolutionary biology published in Australia in 2004.
2002	"The Charles P. Alexander Lecture" Type: Honor Organization: Department of Entomology, University of Massachusetts

2001	E.O. Wilson Award Organization: American Society of Naturalists Details: Yearly international prize to recognize contributions to evolutionary biology and knowledge of a particular group of organisms, US \$2,000 award
1998	"Travel and expenses for weeklong visit to Paris, with two talks presented. Type: Fellowship. Organization: The University of Paris, Juisseau Campus".
1996	"Travel expenses paid for collaborative visit to Flinders University, Adelaide." Type: Fellowship Organization: Flinders University of South Australia, Visiting Fellowship
1995	"Yearly invited series of two lectures during week-long visit, in honor of eminent entomologist Dr. Charles Michener" Type: Honor Organization: The Michener Lectures, University of Kansas, Laurence, Kansas
1989	Theodosius Dobzhansky Prize Type: Award Organization: Society for the Study of Evolution Details: Yearly international prize to recognize outstanding young evolutionary biologist, US \$5,000 award.

Semesterly Activity at Simon Fraser University

	Semester	Type	Course	Number	Session	Type	Hours	Enrollment
	2017-2	Research						
	2017-1	Teaching	Evolutionary Theory	BISC 806		Lecture	3.00	5
	2016-3	Teaching	Evolution of Health and Disease	BISC 441		Lecture	3.00	40
	2016-2	Research						
	2016-1	Teaching	Techniques in Ecology and Evolution			New Course Development		
	2016-1	Teaching	Undergraduate Research	BISC 498			3.00	1
	2015-3	Teaching	Evolution	BISC 300		Lecture	3.00	120
	2015-3	Teaching	Undergraduate Research	BISC 498			3.00	1
	2015-2	Research						
	2015-1	Teaching	Honours	BISC 490/1/2			15.00	1

	2015-1	Teaching	Undergraduate Research	BISC 498			3.00	1
	2014-3	Teaching	Evolution of Health and Disease	BISC 441/880		Lecture	3.00	40
	2013-3 through 2014-2	Study Leave						
	2013-2	Research						
	2013-1	Teaching	Evolution	BISC 300		Lecture	3.00	110
	2012-3	Teaching	Evolution of Health and Disease	BISC 441/880		Lecture	3.00	40
	2012-2	Research						
	2012-1	Teaching	Evolutionary Theory	BISC 806		Lecture	3.00	10
	2011-3	Leave						
	2011-2	Research						
	2011-1	Teaching	Evolution of Health and Disease	BISC 441/880		Lecture	3.00	40
	2010-3	Teaching	Evolution	BISC 300		Lecture	3.00	105
	2010-2	Research						
	2010-1	Teaching	Undergraduate Research	BISC 498		Directed Studies	3.00	1
	2010-1	Teaching	Evolutionary Theory	BISC 806		Lecture	3.00	6
	2009-3	Teaching	Evolution	BISC 300		Lecture	3.00	123
	2009-2	Research						
	2009-2	Teaching	Undergraduate Research	BISC 499		Directed Studies	3.00	1
	2009-2	Teaching	Undergraduate Research	BISC 497		Writing-Intensive	3.00	1
	2009-1	Teaching	Undergraduate Research I	BISC 498		Directed Studies	3.00	1
	2009-1	Teaching	Evolution of Health and Disease	BISC 441/880		Lecture	3.00	
	2008-3	Teaching	Evolution	BISC 300		Lecture	3.00	144
	2008-2	Research						

	2008-1	Teaching	Evolution of Health and Disease	BISC 441/880		Lecture	3.00	30
	2005-3 to 2007-3	Research	Killam Research Fellowship					
	2005-2	Teaching	Directed Readings	BISC890	G01.00	Directed Studies	1.50	1
	2005-1	Teaching	Evolutionary Theory	BISC806	G01.00	Seminar	3.00	11
	2004-3	Teaching	Intro to Ecology	BISC204	D01.00	Lecture	3.00	88
	2004-3	Teaching	Undergraduate Research I	BISC498	D02.00	Directed Studies	1.50	1
	2004-3	Teaching	Undergraduate Research II	BISC499	D05.00	Directed Studies	1.50	1
	2004-3	Teaching	Undergraduate Research II	BISC499	D03.00	Directed Studies	1.50	1
	2004-2	Other Paid Leave					0.00	0
	2004-1	Teaching	Selected Topics in Behavioural Ecology	BISC473	D01.00	Lecture	2.80	14
	2004-1	Teaching	Social Behaviour	BISC817	G01.00	Lecture	.20	1
	2003-3	Study Leave					0.00	0
	2003-2	Study Leave					0.00	0
	2003-1	Study Leave					0.00	0
	2002-3	Other Paid Leave					0.00	0
	2002-2	Teaching	Undergraduate Research I	BISC498	D12.00	Seminar	3.00	1
	2002-1	Teaching	Evolution	BISC400	D01.00	Lecture	1.50	155
	2001-3	Teaching	Evolutionary Theory	BISC806	G01.00	Seminar	3.00	12
	2001-2	Research						
	2001-1	Teaching	Evolution of Social Behavior	BISC471	D01.00	Lecture	2.79	13
	2001-1	Teaching	Social Behaviour	BISC817	G01.00	Seminar	.21	1
	2000-3	Teaching	Undergraduate Research I	BISC498		Directed Studies	1.50	1
	2000-2	Teaching	Evolution	BISC400		Lecture	3.00	103

	2000-2	Teaching	Undergraduate Research I	BISC498		Directed Studies	1.50	1
	2000-1	Teaching	Survival Strategies	BISC824		Seminar	3.00	5
	2000-1	Teaching	Behavioural Ecology	BISC824		Lecture	3.00	5
	1999-3	Teaching	Evolutionary Theory	BISC806		Seminar	3.00	17
	1999-2	Teaching	Evolution	BISC400		Lecture	3.00	88
	1999-1	Research					0.00	0
	1998-3	Teaching	Introduction to Ecology	BISC204		Lecture	3.00	120
	1998-2	Teaching	Evolution of Social Behaviour	BISC471		Lecture	3.00	16
	1998-2	Teaching	Evolution of Social Behaviour	BISC817		Seminar	3.00	2
	1998-1	Research	Fieldwork in Australia				0.00	0
	1998-1	Teaching	Research Design	BISC490		Directed Studies	2.50	1
	1998-1	Teaching	Research Technique	BISC491		Directed Studies	2.50	1
	1998-1	Teaching	Research Reporting	BISC492		Directed Studies	2.0	1
	1997-3	Teaching	Evolution	BISC400		Lecture	3.00	105
	1997-2	Teaching	Evolution	BISC400		Lecture	3.00	79
	1997-1	Research	Fieldwork in Australia				0.00	0
	1997-1	Teaching	Undergrad. Research	BISC498		Directed Studies	1.50	1
	1996-3	Teaching	Evolutionary Theory	BISC806		Seminar	3.00	10
	1996-2	Teaching	Introduction to Ecology	BISC204		Lecture	3.00	47
	1996-1	Research	Research Fieldwork in Australia				0.00	0
	1995-3	Teaching	Evolution	BISC400		Lecture	3.00	138
	1995-3	Teaching	Undergraduate Research	BISC498		Directed Studies	1.50	1
	1995-3	Teaching	Social Insects	BISC817		Lecture	3.00	10
	1995-2	Teaching	Introduction to Ecology	BISC204		Lecture	3.00	38

	1995-2	Teaching	Marine Behavioural Ecology	MSC502		Other	0.00	0
	1995-1	Teaching	Research Design	BISC490		Directed Studies	2.50	1
	1995-1	Teaching	Research Technique	BISC491		Directed Studies	2.50	1
	1995-1	Teaching	Research Reporting	BISC492		Directed Studies	2.50	1
	1994-3	Teaching	Evolution	BISC400		Lecture	3.00	154
	1994-3	Teaching	Evolutionary Theory	BISC806		Seminar	3.00	8
	1994-2	Teaching	Introduction to Ecology	BISC204		Lecture	3.00	46
	1994-2	Teaching	Undergraduate Research	BISC498		Directed Studies	1.50	1
	1994-2	Teaching	Molecular Methods, Bamfield	MSC501		Other	0.00	0
	1994-1	Research					0.00	0
	1993-3	Teaching	Evolution	BISC400		Lecture	3.00	97
	1993-2	Research					0.00	0
	1993-1	Teaching	Evolution	BISC400		Lecture	3.00	153
	1992-3	Teaching	Evolutionary Theory	BISC806		Seminar	3.00	7
	1992-2	Research	Fieldwork in Australia (startup semester)				0.00	0
	1992-1	Research	Fieldwork in Australia (startup semester)				0.00	0

Senior Supervisory Duties of a Thesis

	Name	Degree	Project/Thesis Title	Status	Began	Completed
	Dinsdale, Natalie	PhD	The extreme female brain, psychiatry, and the self	Active	2017-1	
	Procyshyn, Tanya	MSc	Evolutionary biology of social neuropeptides	Active	2014-1	2017-2
	Leach, Emma	MSc	Evolutionary genetics of schizophrenia	Completed	2010-1	2013-1

	Dinsdale, Natalie	MSc	Personality genetics of autism and schizophrenia	Completed	2009-3	2012-1
	Elliot, Mick	Ph.D.	Phylogenetics of placentation	Completed	2008-1	2014-2
	Arbuthnott, Devin	M.Sc.	Mating behaviour of <i>Timema</i>	Completed	2007-1	2009-2
	Jeffery, Erica	M.Sc.	Evolution of sexual conflict	Completed	2005-1	2007-3
	Elliot, Mick	M.Sc.	Evolution of placentation	Completed	2004-1	2007-3
	Joy, Jeff	Ph.D.	Phylogeny of gall midges	Completed	2002-3	2009-3
	Parent, Christine	Ph.D.	Phylogeny of Galapagos snails	Completed	2000-3	2008-1
	Nosil, Patrik	M.Sc.	Ecology of speciation	Completed	2000-3	2006-2
	Springer, Stevan	M.Sc.	Molecular speciation	Completed	1999-3	2003-2
	Law, Jennifer	M.Sc.	Evolution of sex	Completed	1998-3	2001-3
	Chapman, Thomas	Ph.D.	Relatedness and sociality	Completed	1994-1	2000-2
	Kranz, Brenda	Ph.D.	Ecology of gall thrips	Completed	1995-1	2000-1
	Harrison, Michelle	M.Sc.	Phylogenetics of <i>Cancer</i> crabs	Completed	1995-3	1997-3

Serving on a Committee of a Thesis

	Name	Degree	Project/Thesis Title	Status	Began	Completed
	Kolte, Astrid (Univ. of Copenhagen)	Ph.D.	Genetics of recurrent miscarriage	Active	2012-3	
	Watson, Corey	Ph.D.	Immunogenetics	Completed	2008-1	2012-1
	Adrienne Berthold	MSc	Lionfish behavior and endocrinology	Active	2015-1	
	Kelsey Robinson	ISS	Genetics of handedness	Completed	2015-1	2015-3
	Keever, Carson	Ph.D.	Phylogenetics of starfish	Completed	2007-1	2010-3
	Mull, Chris	Ph.D.	Shark life histories	Active	2010-3	
	Davis, Bradley	M.Sc.	Behavior of archerfish	Completed	2006-3	2009-1
	Ablard-Hickman, Kelly	Ph.D.	Mating behavior in insects	Completed	2005-1	2011-3
	Gray, Suzanne	Ph.D.	Evolution of fish polymorphism	Completed	2002-3	2006-1
	Perry, Jennifer	M.Sc.	Beetle oviposition	Completed	2001-3	2004-3
	Hoover, Shelley	Ph.D.	Honey bee genetics	Completed	2000-3	2006-1
	Alexander, Heather	Ph.D.	Guppy evolution	Completed	1999-3	2005-2

	Name	Degree	Project/Thesis Title	Status	Began	Completed
	Ragsdale, J. (Utah)	Ph.D.	Skew theory	Completed	1998-3	2007-1
	Vos, Rutger	M.Sc.	Supertrees	Completed	2001-1	2005-1
	Kuhnholz, Susanne	Ph.D.	Bark beetle phylogenetics	Completed	1995-3	2004-1
	Mitchell, Jeremy	Ph.D.	Reef fish behavior	Completed	1995-3	2002-3
	Sharpe, Fred	Ph.D.	Whale behavior	Completed	1992-3	2002-3
	Willis, Pamela	M.Sc.	Porpoise hybridization	Completed	1997-3	2001-3
	Morbey, Yolanda	Ph.D.	Salmon behavior	Completed	1996-1	2001-3
	Tyerman, Jabus	M.Sc.	Social aphids	Completed	1997-3	2001-2
	Heithaus, Michael	Ph.D.	Intraguild predation	Completed	1997-1	2001-2
	Swanson, Andrew	Ph.D.	Kelp UV adaptation	Completed	1995-3	2000-1
	Taylor, John	Ph.D.	Guppy microsatellites	Completed	1994-3	1999-3
	Vanderkist, Brett	M.Sc.	Murrelet ecology	Completed	1996-3	1999-1
	Robertson, Ian	Ph.D.	Beetle behavior	Completed	1992-3	1997-3
	Pocklington, Richard	M.Sc.	Human evolution	Completed	1994-1	1996-3
	Sharpe, Fred	M.Sc.	Whale behavior	Completed	1992-3	1996-1
	Duffy, Jacqueline	Ph.D.	Risk-taking in humans	Withdrawn	1991-1	1995-3
	McGregor, Robert	Ph.D.	Selection in parasitoids	Completed	1990-3	1995-3
	Jaramillo, Al	Ph.D.	Ant foraging	Withdrawn	1993-3	1995-2
	Abbot, Douglas	M.Sc.	Beetle parasite behavior	Completed	1991-1	1994-2
	Zaklan, Stefanie	M.Sc.	Crab behavior	Completed	1991-3	1994-1

Supervision of Research Personnel

June 2012-current	Full time, Silven Read, Lab Manager, NSERC
September 2012- May 2013	Suhani Thakore, Undergraduate researcher, NSERC
January 2014-September 2015	Rudiger Reisch, Postdoctoral Fellow, European Union grant PDF
September 2012-current	Full time, Mike Mokkonen, PDF, Finnish Academy
September 2011-March 2012	Part time, Manal Abdur Rahman, Lab Manager, NSERC
May 2011-May 2012	Part time, Helen Crofts, Undergraduate researcher, NSERC
May 2011-August 2011	Part time, Lorraine Schembri, Undergraduate assistant, NSERC

	December 2010-June 2012	Full time, Daryn Stover, PDF, NSERC
	January 2008-Jan 2012	Full Time, Laura Weir, NSERC PDF and Research Assistant
	May 2010-August 2010	Full Time, Kendra Morgan, NSERC Undergraduate Research Award
	May 2009-August 2009	Full Time, Philip Stead, NSERC Undergraduate Research Award
	September 2008-Aug. 2011	Part Time, Kevin Simonetto, Research Assistant, NSERC
	September 2008-April 2009	Part Time, Lisa Raeburn, Lab Technician, NSERC
	June 2007- January 2010	Full Time, Tanja Schwander, Postdoctoral Fellow, Swiss NSF
	September 2004 - January 2006	Part Time, Sampson Wu, Lab Technician, NSERC
	September 2004 - September 2006	Full Time, Bono, J, Ph.D., Postdoctoral Fellow, NSF
	September 2001 - September 2003	Full Time, Loeb, M, Ph.D., Postdoctoral Fellow, NSF
	September 2001 - September 2003	Full Time, Thompson, G, Ph.D., Postdoctoral Fellow, NSERC
	September 2001 - September 2003	Full Time, Young, K, Ph.D., Postdoctoral Fellow, NSERC
	September 2000 - April 2001	Full Time, VanKoeveringe, M, Lab. Manager, NSERC and B.C. First Jobs program
	September 1999 - April 2000	Full Time, Bertrand, M, Lab. Manager, NSERC and B.C. First Jobs program
	January 1994 - January 1996	Full Time, Brown, W. D. Postdoctoral Fellow, NSERC
	January 1993 - January 1995	Part Time, Carmean, D., Lab. Manager, NSERC