

gjdury@indiana.edu

Ph.D. candidate in Biology — Evolution, Ecology & Behavior

[@GJDury](mailto:GJDury) www.GJDury.com

Indiana University Bloomington, Department of Biology

Education

- 2015-present Ph.D. candidate, Evolution, Ecology & Behavior. Co-advisors: Dr. Michael Wade and Dr. Jen A. Lau. Biology Dept., IU Bloomington. GPA: 4/4
- 2010-2013 M.Sc. in Plant Science, Neotropical Environment Option.
Co-advisors: Dr. Jacquie C. Bede and Dr. Donald M. Windsor.
McGill U. and Smithsonian Tropical Research Institute. GPA: 4/4
- 2006-2009 B.Sc. in Biology by problem-based learning, specialty in Ecology.
Advisor: Dr. Yves Mauffette. U. of Québec at Montréal. GPA: 3.96/4.3
- 2003-2006 Baccalauréat in Science, specialty in Life and Earth Sciences.
National Center for Distance Learning (CNED), Rennes, France.

Personal information

Nationalities: Canadian and French.

Languages: English, French, advanced Spanish, and beginner Portuguese & Italian.

Fellowships, awards and grants

2019-2020	Doctoral scholarship, Fonds de Recherche du Québec Nature et technologies.	49 000\$
2015-2018	Doctoral scholarship, Natural Sciences and Engineering Research Council.	63 000\$
2015-2018	Doctoral scholarship, Alexander-Graham-Bell NSERC (<i>declined, Canada only</i>).	(105 000\$)
2015-2018	Doctoral scholarship, FRQNT (<i>declined, because award cannot be cumulated</i>).	(60 000\$)
2015	Short-term fellowship, Smithsonian Tropical Research Institute.	3 000\$
2014-2017	Doctoral scholarship, FRQNT (<i>declined because non-deferrable</i>).	(60 000\$)
2014	Young explorer's grant, National Geographic.	5 000\$
2014	Germaine Cousin grant, Entomological Society of France.	1 000€
2012	Travel award for local conference, Macdonald Campus Graduate Student Society.	150\$
2012	Fellow travel award, Smithsonian Tropical Research Institute, Panama.	1 500\$
2012	Graduate excellence fellowship, McGill Plant Science Department.	800\$
2012	Melville-Duporte prize for best student presentation at SEQ conference.	-
2012	Travel award, Office Québec-Amériques pour la jeunesse OQAJ-LOJIQ.	467\$
2011-2012	Master's scholarship, Alexander Graham Bell NSERC.	17 500\$
2011	Graduate excellence fellowship, McGill Plant Science Department.	2 000\$
2011	Graduate Research Enhancement and Travel Awards, McGill.	272\$
2011	Student award, Entomological Society of Quebec.	1 000\$
2010-2011	Master's scholarship, FRQNT.	15 000\$
2010	Recruitment fellowship, F. of Agriculture and Environmental Sciences, McGill.	5 000\$
2010	Recruitment fellowship, Smithsonian Tropical Research Institute, Panama.	2 500\$
2010	Recruitment fellowship, Provost's Graduate, McGill.	1 500\$
2008	Undergraduate Student Research Award, NSERC.	5 625\$
2007	Scholarship for student project, UQAM Science Student's Association.	500\$



Peer-reviewed publications

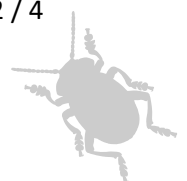
- Dury, G. J.**, M. J. Wade. (2020) When mother knows best: a population genetic model of transgenerational versus intragenerational plasticity. *Journal of Evolutionary Biology*.
- Parker, E. S., **G. J. Dury**, A. P. Moczek. (2019) Transgenerational developmental effects of species-specific, maternally transmitted microbiota in *Onthophagus* dung beetles. *Ecological Entomology* 44: 274–282
- Dury, G. J.**, J. C. Bede, D. M. Windsor. (2014) Preemptive circular defence of immature insects: definition and occurrences of cycloaexy revisited. *Psyche*, 2014:13.
- Sekerka, L., D. Windsor, **G. J. Dury**. (2014). *Cladispa* Baly: revision, biology and reassignment of the genus to Spilophorini (Coleoptera: Chrysomelidae: Cassidinae). *Systematic Entomology* 39(3): 518–530.
- Windsor D. M., **G. J. Dury**, F. A. Frieiro-Costa, S. Lanckowsky, J. M. Pasteels. (2013) Subsocial Neotropical Doryphorini (Chrysomelidae, Chrysomelinae): new observations on behavior, host plants and systematics. In: Jolivet P., J. Santiago-Blay, M. Schmitt (Eds.) *Research on Chrysomelidae* 4. *ZooKeys* 332: 71–93.

Other publications

- Dury, G.** (principal author) and other collaborators. *Chrysidia rhipheus* in *Wikipedia*, considered Featured article http://en.wikipedia.org/wiki/Chrysidia_rhipheus
- Dury G.**, M. Lerclerc. (2015) Les araignées : belles et fascinantes. *Les Explorateurs*, 134:6-8.
- Dury, G.** (2014) Les coccinelles des Açores - Stage LOJIQ dans l'archipel portugais. *Antennae*, 21(3):12-13
- Lerclerc, M., **G. Dury**. (2014) Qui es-tu? Que fais-tu? Insectes. *Les Explorateurs*, 120:18-19
- Dury, G.**, M. Leclerc. (2011) Au pays du scarabée sacré. *Now'ailes*, 21(2):15.
- Dury, G.**, M. Leclerc. (2012) Le monde de Martin Vallières... *Now'ailes*, 22(1):10.
- Bédard, S., F. Desautels, **G. Dury**. (2009). Parasites et allergies. *Le Point Biologique*, 3: 28-33.

Teaching experience

- 2015-present Outreach on insects, the life cycle of dung beetles and evolution of mammal skulls in classrooms, at Bug Fest, and at Science Fest in Bloomington, Indiana.
- 2019, fall Teaching assistant for the course B307 Biodiversity given by Dr. E. William Ruf at Indiana University Bloomington.
- 2018, fall Teaching assistant for the course B307 Biodiversity given by Dr. E. William Ruf at Indiana University Bloomington.
- 2016, fall Teaching assistant for the course Z373 Entomology given by Dr. Armin Moczek at Indiana University Bloomington.
- 2013, winter Teaching assistant for the course GEOG 404 Environmental Management, given by Dr. Thomas C. Meredith of McGill, in Panama.
- 2012 Mentoring of two undergraduate students in molecular techniques, Marc Hersh and Sophie Krolkowski; DNA extraction, PCR and gel extraction, etc.
- 2012, winter Teaching assistant for the course AGRI 550 Sustainable Tropical Agriculture, given by Dr. Kushalappa Ajjamada of McGill, in Panama. Nomination by professor and students for the T.A. excellence award.
- 2010, fall Teaching assistant for the course FMT Soil Preparation, given by Dr. Caroline Begg at the Natural Resource Department, McGill.

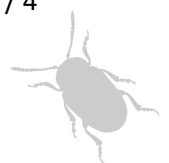


Research experience

- 2019, summer Fieldwork in evolutionary biology, collecting eastern subterranean termites (*Reticulitermes flavipes*) at Indiana University Bloomington.
- 2015-2018 Research on, and experience rearing, dung beetles of the genus *Onthophagus*, in Dr. Armin Moczek's laboratory at Indiana University Bloomington.
- 2015, summer Laboratory work in metabolomics at the Smithsonian Tropical Research Institute & Instituto de Investigaciones Científicas y Servicios de Alta Tecnología (INDICASAT), Panama.
- 2014, summer Fieldwork in entomology and metabolomics in French Guiana for National Geographic independent research project on leaf beetle maternal care.
- 2013, fall Internship on lady beetles (*Scymnus interruptus* and *S. nubilis*, Coccinellidae) somatic and reproductive investment, under the supervision of Dr. António Onofre Soares, University of Azores in Portugal.
- 2011, summer Fieldwork in entomology in Panama and Ecuador for master's degree.
- 2010-2012 Laboratory work in molecular techniques for master's degree; DNA extraction, PCR and gel extraction, DNA sequencing, DNA sequence analysis, computer programs for Maximum Likelihood and Bayesian phylogenetic analyses, vector graphics, etc. at McGill University.
- 2008, summer Research internship on the feeding behaviour of the forest tent caterpillar (*Malacosoma disstria*), supervised by Dr. Yves Mauffette at UQAM, with NSERC funding.

Presentations

- Dury, G. J.**, D. M. Windsor, J. C. Bede. (2012) Multiple origins of "cycloaexy" in Neotropical leaf beetles inferred from a molecular phylogeny. *In*: Arthropod behaviour and biodiversity symposium at the 2012 annual conference of the Entomological Society of Canada, Edmonton, (AB, Canada), November 3-7.
- Dury, G. J.**, D. M. Windsor, J. C. Bede. (2012) Évolution de défense circulaire de groupe chez des chrysomèles Néotropicales en utilisant une phylogénie moléculaire. *In*: 139th annual conference of the Entomological Society of Quebec, Boucherville (QC, Canada), November 1-2.
- Dury, G.**, J. Bede, D. Windsor. (2011) Evolution of larval aggregation in Neotropical Chrysomeline leaf beetles. *In*: 2011 annual symposium of the Entomological Society of Canada, Halifax, (NS, Canada), November 6-9.
- Dury, G.**, J. Bede, D. Windsor. (2011) Évolution de l'agrégation larvaire et de la cycloaexie chez les chrysomèles Néotropicales (Chrysomelinae). *In*: 138th annual conference of the Entomological Society of Quebec, Orford (QC, Canada), October 13-14.
- Dury, G.**, J. Bede, D. Windsor. (2011) Evolution of larval aggregation in Neotropical Chrysomeline leaf beetles. *In*: NEO 10th annual symposium, Smithsonian Tropical Research Institute, Panama (PA, Panama), August 8th.
- Dury, G.**, F. Lorenzetti, D. Ennis, E. Despland, Y. Mauffette. (2010) Le rôle du sucrose dans les décisions alimentaires d'un insecte herbivore : le cas de la livrée des forêts. *In*: 35th annual symposium of the Quebec Society for the Biological Study of Behaviour (SQÉBEC), Ste-Anne-de-Bellevue (QC, Canada), November 5-7.
- Dury, G.**, H. Trottier, Y. Mauffette. (2009) Le bec sucré de la livrée des forêts (*Malacosoma disstria*). *In*: 136th annual conference of the Entomological Society of Quebec (SEQ), St-Jean-Sur-Richelieu (QC, Canada), November 5-6.



Posters

Dury, G., D. Windsor, J. Pasteels, J. Bede. (2014) Defensive toxins of Neotropical chrysomeline beetles better show phylogenetic origin than host-plant associations. *In:* SIP 15, (Neuchâtel, Switzerland), August 17-22.

Dury, G., J. Bede, D. Windsor. (2013) Multiple Origins of “Cycloaexy” in Leaf Beetles (Chrysomelidae: Chrysomelinae) Inferred from a Molecular Phylogeny. *In:* Smithsonian Tropical Research Institute fellow symposium, Panama (PA, PA), March 15.

Professional and entomological affiliations

- 2011-present Entomological Society of Canada (ESC).
2009-present Entomological Society of Quebec (SEQ).
2009-2015 Amateur Entomologist Association of Quebec (AEAQ).
2008-2012 Quebec Society for the Biological Study of Behaviour (SQÉBEC).
1993-2015 Friends of the Montreal Insectarium.

Committees and service

- 2019-present Founding member of the EEB Organization Representing Graduate students at Indiana University.
2019 Reviewed manuscript submitted to *Ecological Applications*.
2018-present Proofreading and editing of French abstracts for *The American Naturalist*.
2018 Student representative on the Web Content committee at the ESC.
2012-present Member of the student committee of the ESC.
2015-2017 Chair of the Web Content committee at the ESC.
2017 Reviewed manuscripts submitted to the *ZooKeys* and the *Journal of Ethology*.
2016 Interim Webmaster for the Entomological Society of Canada (ESC).
2012-2014 Member of the *ad hoc* committee to revise the mission of the ESC.
2012 Co-organizer of the symposium on Arthropod Behaviour and Biodiversity at the 2012 annual symposium of the ESC.
2011-2015 Student representative on the Web Content committee at the ESC.
2011-2013 Student representative at the Entomological Society of Quebec.
2011 Member of the organising committee of the 138th annual meeting of the Entomological Society of Quebec.
2011-2014 Correspondent for the journal *Antennae* at MacDonald campus of McGill University.
2010-2014 Member of the administrative board of the Friends of the Montreal Insectarium.
2007-2009 Internal affairs officer for the RÉÉBUQAM (biology student's association at UQAM).
2009 Member of the organising committee of the 17th edition of the Quebec Interuniversity Biology Games (Biogames).
2006-2009 Member of the environmental committee of the AESS (Science Sector's Student Association), at UQAM.

Recommendation letters available upon request

