

gjdury@indiana.edu

Ph.D. student in Biology - Evolution, Ecology & Behavior

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Indiana University Bloomington, Department of Biology

Education

- Fall 2015 Ph.D. student, Evolution, Ecology & Behavior. Advisor: Dr. Armin Moczek.
Biology Dept., Indiana University Bloomington.
- 2010-2013 M.Sc. in Plant Science, Neotropical Environment Option.
Co-advisors: Dr. Jacque 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.

Fellowships, awards and grants

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| 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., 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, Santiago-Blay J, Schmitt M (Eds.) Research on Chrysomelidae 4. ZooKeys* 332: 71–93.

Peer-reviewed publications in preparation

Dury, G. J., D. Ennis, E. Despland, Y. Mauffette. (Submitted, ID: INS-2016-07-257) Effects of foliar sugar content on forest tent caterpillar host selection and pattern of feeding. *Insect Science*.

Dury, G. J., D. M. Windsor, B. J. Sharanowski, J. C. Bede. (In preparation) Evolution of gregariousness and maternal care in the Neotropical Chrysomelinae (Coleoptera: Chrysomelidae).

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. (2014) Les coccinelles des Açores - Stage LOJIQ dans l'archipel portugais. *Antennae*, 21(3):12-13

Lerclerc, M., **Dury, G.** (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

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.

2000-2003 Organizing and supervising multiple wide audience activities at Montreal Insectarium.

Research experience

- 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 “Cycloalexy” 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-present Amateur Entomologist Association of Quebec (AEAQ).
2008-2012 Quebec Society for the Biological Study of Behaviour (SQÉBEC).
1993-present Friends of the Montreal Insectarium.

Committees and service

- 2016-present Interim Webmaster for the Entomological Society of Canada (ESC).
2015-present Chair of the Web Content committee at the ESC.
2012-present Member of the student committee of the 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

