

Dan Gabriel Bock

School of Environment and Science

Griffith University, Brisbane, QLD, Australia; Tel: 478-109-082

dan.bock@griffith.edu.au / www.dangbock.com / @dan_g_bock

APPOINTMENTS

Senior Lecturer, Griffith University, Australia School of Environment and Science	2024 – current
Postdoctoral Researcher, University of British Columbia, Canada Supervisor: Loren H. Rieseberg	2022 – 2024
Research Associate and Project Manager, University of Guelph, Canada Supervisor: Paul D.N. Hebert	2021 – 2022
Banting Postdoctoral Fellow, Washington University, USA Supervisors: Jonathan B. Losos, Jason J. Kolbe	2019 – 2021
NSERC Postdoctoral Fellow, Harvard University, USA Supervisors: Jonathan B. Losos, Jason J. Kolbe	2017 – 2019

EDUCATION

PhD Botany, University of British Columbia, Canada Title: <i>The genetics of contemporary evolution in an invasive perennial sunflower</i> Supervisor: Loren H. Rieseberg	2011 – 2017
MSc Environmental Science, University of Windsor, Canada Title: <i>Invasion genetics of botryllid colonial ascidians in North America</i> Supervisor: Melania E. Cristescu	2008 – 2010
BSc Biology, “Babeş - Bolyai” University, Romania Honours Title: <i>Population genetics of the marine invasive gastropod Rapana venosa</i> Honours Supervisor: Octavian Popescu	2004 – 2008

RESEARCH FUNDING

<i>Australian Fish Genomics Initiative, Bioplatforms Australia</i> : The reference genome for Bloomfield Cod, <i>Gymnophorus wujalwujulensis</i> (\$9,155.8 AUD; project leader; with Matthew McGee, Mark Kennard, and Peter Unmack as co-leads)	2025
<i>National Environmental Science Program – Resilient Landscapes Hub</i> : Conservation and recovery actions for rare and threatened Wet Tropics freshwater fish (\$520,131 AUD; co-applicant with Mark Kennard and Damien Burrows as project leaders)	2025 – 2027
<i>New Frontiers in Research Fund – Transformation 2020 Program</i> : BIOSCAN: Tracing the patterns of life on a changing planet (\$33,324 AUD to Griffith University; \$24M total project budget; Co-PI; with Paul DN Hebert and 53 other investigators)	2025 – 2027
<i>NSF Rapid Response Research Grant</i> : Genomic and phenotypic responses to hurricane-mediated selection in an invasive lizard: does epistasis constrain evolution? (\$199,826 USD; Co-PI; with Sean T. Giery and Jason J. Kolbe)	2022 – 2023

<i>Pilot Project Grant</i> , Washington University: The Genomics of Evolutionary Adaptation: an Experimental Field Study with Lizards. (\$14,124 USD; formal PI: Jonathan B. Losos; conceived and co-wrote proposal)	2019
<i>Barbour Grant</i> , Museum of Comparative Zoology, Harvard University: The contribution of intraspecific admixture to colonization success in a widespread invasive species. (\$5,000 USD)	2017
<i>Killam Fellowship Travel and Research Award</i> , UBC: Genomics of speciation, domestication, and invasiveness in a multipotent sunflower species. (\$2,000 CAD)	2014

FELLOWSHIPS

Major awards

<i>NSERC Banting Postdoctoral Fellowship</i> , Government of Canada (140,000 CAD)	2019 – 2021
<ul style="list-style-type: none"> • The most competitive postdoctoral fellowship offered by the Government of Canada • 23 fellowships were funded in Science and Engineering in 2019, of 217 applications • One of six applications funded in Ecology and Evolution nationally 	
<i>NSERC Postdoctoral Fellowship</i> , Government of Canada (90,000 CAD)	2017 – 2019
<ul style="list-style-type: none"> • Application ranked 4th nationally in Ecology and Evolution • 199 fellowships were funded in 2017, of 594 applications 	
<i>Vanier Canada Graduate Scholarship</i> , Government of Canada (150,000 CAD)	2013 – 2016
<ul style="list-style-type: none"> • The most prestigious award offered for doctoral-level studies in Canada • Application ranked 5th nationally in Science and Engineering • 56 awards made annually in Science and Engineering 	
<i>Killam Doctoral Fellowship</i> , UBC (30,000 CAD)	2013 – 2015
<ul style="list-style-type: none"> • Top-ranked applicant at UBC • Awarded the Killam – Donald N. Byers Memorial Prize in recognition of 1st place ranking 	

Other awards (~210,000 CAD)

<i>Four Year Doctoral Fellowship</i> , UBC	2011 – 2015
<i>PhD International Tuition Scholarship</i> , UBC	2011 – 2015
<i>Faculty of Science Graduate Award</i> , UBC	2013; 2014
<i>Best Poster Award</i> , Canadian Society for Ecology and Evolution meeting, Kelowna, Canada	2013
<i>Tuition Award</i> , Summer Institute in Statistical Genetics, University of Washington	2013
<i>Travel Award</i> , Canadian Society for Ecology and Evolution meeting in Ottawa, Canada	2012
<i>International Postgraduate Research Scholarship</i> , U. of Queensland (declined)	2011
<i>Nominee, Governor General's Gold Medal</i> , University of Windsor	2010
<i>Lum Clark Publication Award</i> , University of Windsor	2009; 2010
<i>Graduate Student Travel Award</i> , University of Windsor	2009
<i>International Graduate Excellence Scholarship</i> , University of Windsor	2008 – 2010
<i>International Graduate Student Scholarship</i> , University of Windsor	2008 – 2010
<i>Valedictorian Distinction</i> , “Babeş-Bolyai” University	2008
<i>Scientific Performance Scholarship</i> , “Babeş-Bolyai” University	2007 – 2008
<i>Merit-based Scholarship</i> , “Babeş-Bolyai” University	2004 – 2008

PUBLICATIONS (4300+ citations, H-index: 26; Google Scholar)

Books

Bock DG and Rius M (Eds.). 2025. *Invasion Genomics*. CABI.

Special Issues

Bock DG, Liu J, Novikova P, Rieseberg LH. 2023. Ecological and evolutionary inferences from long-read sequencing. *Molecular Ecology*. 32: 1229 – 1543.

Peer Reviewed Articles and Book Chapters

45. Ortiz-Barrientos D, James ME, Liu Y, **Bock DG**, and Rieseberg LH. 2026. Predictive evolutionary genomics: principles, validation, and practice. *New Phytologist*. Accepted.
44. Kolbe JJ, Giery ST, Petherick AS, Losos JB, **Bock DG**. 2025. Morphological and genomic responses to hurricanes arise and persist during a biological invasion. *Proceedings of the National Academy of Sciences (USA)*. 122: e2517322122.
43. Zhan A, **Bock DG**, Briski E, Colautti R, Hu J, and MacIsaac H. 2025. Ecological and evolutionary dynamics of invasive species under global change. *Global Change Biology*. 31: e70530.
42. **Bock DG**, & Rius M. 2025. From the ecology to the genetics and genomics of invasive species. In DG Bock & M Rius (Eds.,), *Invasion Genomics* (pp. 1 – 12). CABI.
41. **Bock DG**, Rius M. 2025. Using genomics to inform the management of biological invasions: from sequencing genomes to sequencing biomes. In DG Bock & M Rius (Eds.,), *Invasion Genomics* (pp. 175 – 191). CABI.
40. Rius M, **Bock DG**. 2025. Invasion genomics: transformative lens on the study of biological invasions. In DG Bock & M Rius (Eds.,), *Invasion Genomics* (pp. 192 – 196). CABI.
39. Hodgins KA, Battlay P, **Bock DG**. 2025. The genomic secrets of invasive plants. *New Phytologist*. 245: 1846–1863.
38. **Bock DG**, Baeckens S, Kolbe JJ, Losos JB. 2024. When adaptation is slowed down: genomic analysis of evolutionary stasis in thermal tolerance during biological invasion in a novel climate. *Molecular Ecology*. 33: e17075.
37. Kim AS, Kreiner JM, Hernandez F, **Bock DG**, Hodgins KA, Rieseberg LH. 2023. Temporal collections to study invasion biology. *Molecular Ecology*. 32: 6729 – 6742.
 - all authors have equal contribution
36. Pita-Aquino JN, **Bock DG**, Baeckens S, Losos JB, Kolbe JJ. 2023. Stronger evidence for genetic ancestry than environmental conditions in shaping the evolution of a complex signaling trait during biological invasion. *Molecular Ecology*. 32: 5558 – 5574.
35. Hebert PDN, **Bock DG**, Prosser SWJ. 2023. Interrogating 1000 insect genomes for NUMTs: a risk assessment for estimates of species richness. *PLoS One*. 18: e0286620
34. **Bock DG**, Cai Z, Elphinstone C, González-Segovia E, Hirabayashi K, Huang K, Keais G, Kim A, Owens GL, Rieseberg LH. 2023. Genomics of plant speciation. *Plant Communications*. 4: 100599.

33. DeVos TB, **Bock DG**, Kolbe JJ. 2023. Rapid introgression of invasive alleles following hybridization between a native *Anolis* lizard species and a cryptic invader across an urban landscape. *Molecular Ecology*. 32: 2930 – 2944.

32. **Bock DG**, Liu J, Novikova P, Rieseberg LH. 2023. Long-read sequencing in ecology and evolution: understanding how complex genetic and epigenetic variants shape biodiversity. *Molecular Ecology*. 32: 1229 – 1235.

31. Baeckens S*, Losos JB, Irschick DJ, Kolbe JJ, **Bock DG***. 2023. Introduction history and hybridization determine the hydric balance of an invasive lizard facing a recent climate niche shift. *Evolution*. 77: 123–137.

- *equal contribution

30. Geneva AJ, Park S, **Bock DG**, de Mello PLH, Sarigol F, Tollis M, Donihue C, Reynolds RG, Feiner N, Rasys A, Lauderdale J, Infante C, Kolbe JJ, Schluter D, Menke DB, Losos JB. 2022. Chromosome-scale assembly of the brown anole (*Anolis sagrei*), a model species for evolution and ecology. *Communications Biology*. 5: 1126.

29. Gao Y, Chen Y, Li S, Huang X, Hu J, **Bock DG**, MacIsaac HJ, Zhan A. 2022. Complementary genomic and epigenomic adaptation to environmental heterogeneity. *Molecular Ecology*. 31: 3598–3612.

28. **Bock DG**, Baeckens S, Pita-Aquino JN, Chejanovski Z, Michaelides SN, Muralidhar P, Lapiedra O, Park S, DB Menke, Geneva AJ, Losos JB, Kolbe JJ. 2021. Changes in selection pressure can facilitate hybridization during biological invasion in a Cuban lizard. *Proceedings of the National Academy of Sciences (USA)*. 118: e2108638118.

27. **Bock DG**, Kantar MB, Rieseberg LH. 2020. Population genomics of speciation and adaptation in sunflowers. In: Population Genomics. Springer, Cham. doi: 10.1007/13836_2020_85.

26. Anderson J, Kantar MB, **Bock DG**, Grubbs KC, Schilling E, Rieseberg LH. 2019. Skim-sequencing reveals the likely origin of the enigmatic endangered sunflower *Helianthus schweinitzii*. *Genes*. 10: 1040.

25. Qi F, Baack E, Whitney K, **Bock DG**, Tetreault H, Rieseberg LH, Ungerer M. 2019. Phylogenetic trends and environmental correlates of nuclear genome size variation in *Helianthus* sunflowers. *New Phytologist*. 221: 1609–1618.

24. Kantar MB, Hübner S, Herman A, **Bock DG**, Baute GJ, Betts K, Ott M, Brandvain Y, Wyse D, Stupar D, Rieseberg LH. 2018. Neo-domestication of an interspecific tetraploid *Helianthus annuus* x *Helianthus tuberosus* population that segregates for perennial habit. *Genes*. 9: 422.

23. Hodgins KA*, **Bock DG***, Rieseberg LH. 2018. Trait evolution in invasive species. *Annual Plant Reviews*. 1: 1–37.

- * co-first authors
- Invited review

22. **Bock DG**, Kantar MB, Caseys C, Matthey-Doret R, Rieseberg LH. 2018. Evolution of invasiveness by genetic accommodation. *Nature Ecology and Evolution*. 2: 991–999.

21. Baute GJ, Owens GL, **Bock DG**, Rieseberg LH. 2016. Genome-wide genotyping-by-sequencing data provide a high-resolution view of wild *Helianthus* diversity, genetic structure, and interspecies gene flow. *American Journal of Botany*. 103: 2170–2177.
 - Featured in *American Journal of Botany Highlights*
20. Lacoursière-Roussel A, **Bock DG**, Cristescu ME, Guichard F, McKindsey C. 2016. Effect of shipping traffic on biofouling invasion success at population and community levels. *Biological Invasions*. 18: 3681–3695.
19. Todesco M, Pascual MA, Owens GL, Ostevik KL, Moyers BT, Hübner S, Heredia SM, Hahn MA, Caseys C, **Bock DG**, Rieseberg LH. 2016. Hybridization and extinction. *Evolutionary Applications*. 9: 892–908.
 - Highly cited (Web of Science)
18. Zhan A, Briski E, **Bock DG**, Ghabooli S, MacIsaac HJ. 2015. Ascidians as models for studying invasion success. *Marine Biology*. 162: 2449–2470.
17. Andrew RL, Albert AYK, Renaut S, Rennison DJ, **Bock DG**, Vines TH. 2015. Assessing the reproducibility of discriminant function analyses. *PeerJ*. 3: e1137.
16. **Bock DG**, Caseys C, Cousens R, Hahn MA, Heredia SM, Hübner S, Turner KG, Whitney K, Rieseberg LH. 2015. What we still don't know about invasion genetics. *Molecular Ecology*. 24: 2277–2297.
 - Highly cited (Web of Science)
15. Hodgins KA, **Bock DG**, Hahn MA, Heredia S, Turner KG, Rieseberg LH. 2015. Comparative genomics in the Asteraceae reveals little evidence for parallel evolutionary changes in invasive taxa. *Molecular Ecology*. 24: 2226–2240.
14. **Bock DG**, Andrew RL, and Rieseberg LH. 2014. On the adaptive value of cytoplasmic genomes in plants. *Molecular Ecology*. 23: 4899–4911.
 - Invited review
 - Highlighted in *The Molecular Ecologist*
13. Vines TH, Albert AYK, Andrew RL, Débarre F, **Bock DG**, Franklin MT, Gilbert KJ, Moore JS, Renaut S, and Rennison DJ. 2014. The availability of research data declines rapidly with article age. *Current Biology*. 24: 94–97.
 - Highly cited (Web of Science)
 - Featured in *Nature News*, *Science News*, *Nature Medicine*, *Scientific American*
 - Highlighted in *Vancouver Sun*, *The Telegraph*, *Science Daily*
12. **Bock DG**, Kane NC, Ebert DP, and Rieseberg LH. 2014. Genome skimming reveals the origin of the Jerusalem artichoke tuber crop species: neither from Jerusalem nor an Artichoke. *New Phytologist*. 201: 1021–1030.
 - Commentary in *New Phytologist* by Prof. Sandra Knapp
11. Kantar M, Baute GJ, **Bock DG**, and Rieseberg LH. 2014. Genomic variation in *Helianthus*: Learning from the past and looking to the future. *Briefings in Functional Genomics*. 13: 328–340.
10. Vaillant JJ, **Bock DG**, Haffner GD and Cristescu ME. 2013. Speciation patterns and processes in the zooplankton of the ancient lakes of Sulawesi Island, Indonesia. *Ecology and Evolution*. 3: 3083–3094.

- Undergraduate student mentee is first author

9. Vines TH, Andrew RL, **Bock DG**, Franklin MT, Gilbert KJ, Kane NC, Moore JS, Moyers BT, Renaud S, Rennison DJ, Veen T, and Yeaman S. 2013. Mandated data archiving greatly improves access to research data. *FASEB Journal*. 27: 1304–1308.
• Featured in *Scientific American*

8. Gilbert KJ, Andrew RL, **Bock DG**, Franklin MT, Kane NC, Moore JS, Moyers BT, Renaud S, Rennison DJ, Veen T, and Vines TH. 2012. Recommendations for utilizing and reporting population genetic analyses: the reproducibility of genetic clustering using the program STRUCTURE. *Molecular Ecology*. 21: 4925–4930.
• Highlighted in *The Molecular Ecologist*

7. **Bock DG**, MacIsaac HJ and Cristescu ME. 2012. Multilocus genetic analyses differentiate between widespread and spatially restricted cryptic species in a model ascidian. *Proceedings of the Royal Society B: Biological Sciences*. 279: 2377–2385.
• Highlighted in the *University of Windsor Daily News*

6. Lacoursière-Roussel A, **Bock DG**, Cristescu ME, Guichard F, Girard P, Legendre P, and McKinsey CW. 2012. Disentangling invasion processes in a dynamic shipping - boating network. *Molecular Ecology*. 21: 4227–4241.

5. Zhan A, Darling JA, **Bock DG**, Lacoursière-Roussel A, MacIsaac HJ, and Cristescu ME. 2012. Complex genetic patterns in closely related colonizing invasive species. *Ecology and Evolution*. 2: 1331–1346.

4. Cristescu ME, Constantin A, **Bock DG**, Cáceres CE and Crease TJ. 2012. Speciation with gene flow and the genetics of habitat transitions. *Molecular Ecology*. 21: 1411–1422.

3. **Bock DG**, Zhan A, Lejeusne C, MacIsaac HJ and Cristescu ME. 2011. Looking at both sides of the invasion: patterns of colonization in the violet tunicate *Botrylloides violaceus*. *Molecular Ecology*. 20: 503–516.

2. Lejeusne C, **Bock DG**, MacIsaac HJ, Therriault TW, and Cristescu ME. 2011. Comparative phylogeography of two colonial ascidians reveals contrasting invasion histories in North America. *Biological Invasions*. 13: 635–650.

1. Abdoullaye D, Acevedo I, Adebayo AA, Behrmann-Godel J, Benjamin RC, **Bock DG**, Born C, Brouat C, Caccone A *et al.* (82 authors arranged alphabetically). 2010. Permanent Genetic Resources added to Molecular Ecology Resources Database 1 August 2009 - 30 September 2009. *Molecular Ecology Resources*. 10: 232–236.
• First author of included contribution
• Undergraduate student mentee is first co-author

Manuscripts in review

1. Vanerelli AA, Maayan I, Taft JM, **Bock DG**, Calder D, Losos JB, Geneva AJ. Phylogenomic relationships and sex chromosome evolution of the Jamaican turquoise anole (*Anolis grahami*). *BMC Genomics*.
2. Kolbe JJ, Moniz HA, Shi DX, VanMiddlesworth P, **Bock DG**, & Michaelides SN. Founder effects and admixture shape genetic and morphological variation in non-native populations of the lizard *Anolis cristatellus* introduced from Puerto Rico to Florida. *Journal of Zoology*.

PRESENTATIONS

Invited Plenaries

Griffith University, Brisbane, QLD, Australia 2025

Departmental seminars

University of New South Wales, Sydney, NSW, Australia	2025
Griffith University, Brisbane, QLD, Australia	2023
Macquarie University, Sydney, NSW, Australia	2022
Canadian High Arctic Research Station, Cambridge Bay, NU, Canada (virtual due to COVID19)	2022
Yale University, New Haven, CT, USA (virtual due to COVID19)	2022
University of Massachusetts, Dartmouth, MA, USA (virtual due to COVID19)	2021
University of Saskatchewan, Saskatoon, SK, Canada (virtual due to COVID19)	2021
University of Portsmouth, Portsmouth, UK (virtual due to COVID19)	2021
University of British Columbia, Vancouver, BC, Canada	2017
University of Windsor, Windsor, ON, Canada	2010
University of Windsor, Windsor, ON, Canada	2009

Invited symposium/meeting presentations

Canadian Society for Ecology and Evolution meeting, Winnipeg, MB, Canada (talk)	2023
Ecological dimensions of hybridization symposium	

International Barcode of Life (iBOL) Consortium, Guelph, ON, Canada (talk)	2023
10 th meeting of the iBOL Science Committee	

Contributed conference presentations

Canadian Society for Ecology and Evolution meeting (talk)	2024
Society for Molecular Biology & Evolution (talk, virtual)	2023
Canadian Society for Ecology and Evolution meeting (talk, virtual due to COVID19)	2021
Evolution meeting (talk, virtual due to COVID19)	2021
Plant and Animal Genome Conference, San Diego, USA (talk)	2018
Plant and Animal Genome Conference, San Diego, CA, USA (talk)	2017
Society for the Study of Evolution, Austin, TX, USA (talk)	2016
Annual Botany Meeting, New Orleans, LN, USA (talk)	2013
Canadian Society for Ecology and Evolution, Kelowna, BC, Canada (poster)	2013
Compositae Genome Project Meeting, UC Davis Genome Center, Davis, CA, USA (talk)	2013
Joint Meeting of SSE, CSEE, and ESEB, Ottawa, ON, Canada (poster)	2012
CAISN Annual General Meeting and Conference, Quebec City, QC, Canada (talk)	2011
CAISN Annual General Meeting and Conference, Victoria, BC, Canada (talk)	2010
International Conference on Aquatic Invasive Species, Montreal, QC, Canada (talk)	2009
International Conference on Aquatic Invasive Species, Montreal, QC, Canada (poster)	2009
CAISN Annual General Meeting and Conference, Halifax, NS, Canada (talk)	2009
CAISN Annual General Meeting and Conference, Banff, AB, Canada (poster)	2008
Romanian Society of Cellular Biology Annual Meeting, Cluj-Napoca, Cluj, Romania (talk)	2008

TEACHING

Courses taught at Griffith University

Genetics & Evolutionary Biology (1042SCG; ~550 students; Lecturer and Convenor)	2025 – current
Molecular Biology (2012NSC; ~150 students; Lecturer)	2024 – current

Guest lectures and workshops

Whole genome alignment (UBC BRC Genomics Discussion Group)	2023
Genomic Methods for Bioinformatics (BINF 6110; University of Guelph)	2022
Genes to Genomics (BIOL 226; University of Saskatchewan; virtual due to COVID19)	2021
Evolution and Conservation (BIO 396; University of Rhode Island)	2017
Evolutionary Processes in Plants (BIOL 415; UBC)	2015
Evolutionary Processes in Plants (BIOL 415; UBC)	2014
Genome size estimation using flow cytometry (Techinar Series, UBC)	2012
Microsatellite data collection and analysis workshop (University of Windsor)	2011
Molecular Ecology (03-55-480; University of Windsor)	2010

Teaching assistantships

Fundamentals of Ecology (BIOL 304; UBC)	2011 (F)
Biological Diversity (03-55-140; University of Windsor)	2010 (W)
Genetics (03-55-211; University of Windsor)	2009 (F)
Biological Diversity (03-55-140; University of Windsor)	2009 (W)
GLIER Multidisciplinary Graduate Seminar (09-68-550; University of Windsor)	2008 (F)

SUPERVISION

22. Ravi Naveen (PhD student, Griffith University; co-advised with Paul Oliver)	2025 – 2029
21. Rena Hernawati (PhD student, Griffith University; co-advised with Mark de Bruyn)	2025 – 2029
20. Ningke Wei (undergraduate student, Griffith University)	2025
19. Ansley Petherick (PhD student, Washington University in St. Louis)	2020 – 2022
18. Inbar Maayan (PhD student, Harvard University)	2019 – 2022
17. Tyler Devos (MSc student, University of Rhode Island)	2020 – 2022
16. Jessica Pita-Aquino (MSc student, University of Rhode Island)	2018 – 2020
15. Kelly Borkowski (undergraduate student, The Research Experience, UBC)	2014 – 2016
14. Kate MacDonald (undergraduate student, The Research Experience, UBC)	2014 – 2016
13. Stella Li (undergraduate student, The Research Experience, UBC)	2014 – 2015
12. Anita Poon (undergraduate student, The Research Experience, UBC)	2014 – 2015
11. Christine Phillips (undergraduate work study student, UBC)	2014 – 2015
10. Caroline Ramsay (undergraduate work study student, UBC)	2014
9. Pengfei Qiao (exchange undergraduate student, Tsinghua University, China)	2014
8. Chloe Tashlin Fluegel (undergraduate work study student, UBC)	2012 – 2013
7. Steven Injik (undergraduate thesis student, University of Windsor)	2011
6. David Persall (undergraduate thesis student, University of Windsor)	2011
5. Huzaifa Kerai (undergraduate work study student, University of Windsor)	2010 – 2011
4. Syed Raza (undergraduate work study student, University of Windsor)	2010 – 2011
3. James J. Vaillant (undergraduate thesis student, University of Windsor)	2009 – 2010
1. Abisola A. Adebayo (undergraduate thesis student, University of Windsor)	2008 – 2009
1. Gagandeep Dhaliwal (volunteer undergraduate student, University of Windsor)	2008 – 2009

THESIS OR QUALIFYING EXAMINER

Yuxin Ding (PhD student, Griffith University)	2025
Akanksha Singla (PhD student, Griffith University)	2025
Anjali Muthukrishnan (PhD student, Griffith University)	2025
Andhika Rizky Putra (PhD student, University of Melbourne)	2025
Janne Torkkola (PhD student, Griffith University)	2024
Nidhi Chakma (PhD student, Griffith University)	2024
Nicholas R. E. Boothroyd (undergraduate honours student, Griffith University)	2024

WORKSHOPS ATTENDED / PROFESSIONAL DEVELOPMENT

Higher Degree Research Supervisor Professional Development (Griffith University)	2025
Foundations of University Teaching (Griffith University)	2024
Lab and field learning: experiential learning (UBC)	2023
How people learn and active learning in STEM teaching (UBC)	2023
CRISPR-Cas9 gene editing (University of Georgia, virtual due to COVID19)	2021
Summer Institute in Statistical Genetics (University of Washington)	2013
Communicating Science to Society (CSEE, Ottawa, Canada)	2012
Genomics (Cesky Krumlov, Czech Republic)	2012
Quantitative Biology (Bucharest, Romania)	2007

SERVICE AND OUTREACH

PhD Thesis Chairperson of Examiners, Griffith University	2025
Judge, Three Minute Thesis Competition (School heat), Griffith University	2025
Search committee member, BIOSCAN postdoctoral fellowship, University of Guelph	2022
Interviewed by BioLab Business magazine	2022
Chair, Invasive Species Session, Evolution meeting	2021
Contributor, Anole Annals (http://anoleannals.org)	2020
Co-organizer, for Ecology, Evolution, and Biodiversity Evolution lecture, UBC	2016
Mentor, The Research Experience, UBC	2014 – 2016
Organizer, Weekly lab meetings, Rieseberg Lab, UBC	2012 – 2016
Invited Panel Member, “Beyond the BSc”, UBC Faculty of Science	2015
Member, UBC Reproducibility in Science Working Group	2011 – 2015
Contributor, Agricultural Biodiversity Weblog (http://agro.biodiver.se)	2014
Academic review, Multidisciplinary Undergraduate Research Conference Proceedings, UBC	2013
Judge, Multidisciplinary Undergraduate Research Conference, UBC	2013
Judge, Student Awards Competition, 1st Joint Congress on Evolutionary Biology, Ottawa	2012
Eco Ranger, Stanley Park Ecology Society – Public education on biodiversity	2012
Volunteer, Stanley Park Ecology Society - Invasive plants management program	2012
Judge, Three Minute Thesis Competition (final heat), UBC	2012
Volunteer, Three Minute Thesis Competition (semifinal heats), UBC	2012
Judge and Session Chair, GLIER Graduate Student Symposium, University of Windsor	2011
Organizer, Workshop on microsatellite data collection and analysis, University of Windsor	2011
Organizer, GLIER Multidisciplinary Graduate Seminar, University of Windsor	2008

EDITORIAL SERVICE

Associate Editor

<i>Biological Invasions</i>	2024 – current
<i>Genome</i>	2019 – current

Special Issue Guest Editor

<i>Global Change Biology</i>	2024 – 2025
Issue: The ecology and evolution of invasive species under global change	

Molecular Ecology

2021 – 2023

Issue: Ecological and evolutionary inferences from long read sequencing

Book Editor

Invasion Genomics (CABI publishing; co-editor)	2022 – 2024
13 chapters authored by leading experts in Invasion Biology	

REVIEWING

Journals and book chapters (140 contributed reviews; 47 journals/books)

- recognized as "Top Reviewer" for *Molecular Ecology* in 2021 & 2022

Australia National Science Agency – CSIRO Publishing; Axios Review; Biological Invasions (13); *Botanical Journal of the Linnean Society; Conservation Genetics* (2); *Contributions to Zoology; Current Zoology* (2); *Current Biology; Diversity and Distributions* (5); *Ecography; Ecology and Evolution* (2); *Environmental and Experimental Botany; Ecology Letters; Evolution* (2); *Evolutionary Applications* (7); *Genetica* (2); *Global Change Biology* (4); *Heredity; Frontiers in Ecology and the Environment* (2); *International Journal of Molecular Sciences* (4); *John Wiley & Sons; Journal of Animal Ecology; Journal of Applied Ecology; Journal of Biodiversity Management & Forestry; Journal of Ecology* (2); *Journal of Great Lakes Research* (2); *Journal of the Marine Biological Association of the United Kingdom; Marine Biology* (6); *Marine Life Science & Technology; Molecular Biology and Evolution* (2); *Molecular Ecology* (27); *Molecular Ecology Resources* (6); *Nature Communications; Nature Ecology and Evolution* (3); *Neobiota; New Phytologist* (3); *PeerJ; Perspectives in Plant Ecology, Evolution and Systematics; Plant Systematics and Evolution; Proceedings of the National Academy of Sciences, USA* (4); *Proceedings of the Royal Society of London B: Biological Sciences; Public Library of Science One* (6); *Science; Science Advances; Scientific Reports* (3); *UBC Multidisciplinary Undergraduate Research Conference Proceedings* (6); *Zoological Journal of the Linnean Society*.

Research grants

Connecticut Sea Grant College Program (University of Connecticut - USA), French National Research Agency (ANR - France), German Research Foundation (DFG - Germany); Marsden Fund Grant Program (Royal Society of New Zealand), Swiss National Science Foundation (SNSF - Switzerland), The Czech Science Foundation (GACR - Czech Republic), The National Science Foundation (NSF - USA)

SERVICE

Program Advisor, Bachelor of Environmental Science, Griffith University	2025 – current
Program Director (acting), Bachelor of Environmental Science, Griffith University	2024 – 2025

PROFESSIONAL MEMBERSHIPS

Society for the Study of Evolution; Canadian Society for Ecology and Evolution; European Society for Evolutionary Biology; Society of Systematic Biologists; American Society of Naturalists; Botanical Society of America.