

CURRICULUM VITAE Danny Haelewaters

I. OFFICE

Farlow Herbarium, Harvard University
22 Divinity Avenue, Cambridge MA 02138
T: 617-495-5729
E: dhaelewaters@fas.harvard.edu
W: www.dannyhaelewaters.com

II. EDUCATION

- 2012-2018 PhD in Organismic and Evolutionary Biology
Harvard University, Cambridge MA
Research advisor: Donald H. Pfister
- 2009-2011 MSc in biology
Ghent University, Faculty of Sciences, Ghent, Belgium
Research advisors: Annemieke Verbeken, André De Kesel
- 2006-2009 Bachelor in Biology
Ghent University, Faculty of Sciences, Ghent, Belgium
Research advisor: Annemieke Verbeken
- 2001-2004 Bachelor in Veterinary Sciences
University of Antwerp, Antwerp, Belgium

III. ADDITIONAL COURSEWORK/CERTIFICATES

- 2016 CPR & Choking workshop
American Heart Association, Diaper Lab, Somerville MA
- 2015 Introduction to R Programming
Microsoft & edX
- 2014 Wilderness First Aid workshop
Stonehearth Open Learning Opportunities (SOLO)
- 2013 Workshop on Molecular Evolution
Marine Biological Laboratory, Woods Hole MA
- 2010 Degree in Journalism
Centrum voor Afstandsonderwijs, Antwerp, Belgium

IV. FELLOWSHIPS, AWARDS, and GRANTS

- 2017 Robert W Lichtwardt Student Research Award, Mycological Society of America
(\$1,000)
- 2017 Les Mehrhoff Botanical Research Fund, New England Botanical Club (\$2,034)
- Fall 2016 Certificate of Distinction for Teaching Excellence, Derek Bok Center for
Teaching and Learning
- 2016 Conference Travel Grant, David Rockefeller Center for Latin American Studies
(\$300)
- 2016 Simmons Award, Harvard Center for Biological Imaging (\$1,080)
- 2016 Short-Term Research Fellowship, Smithsonian Tropical Research Institute
(\$2,000)
- 2016 Graduate Research Fellowship, Mycological Society of America (\$2,000)
- 2015-2017 Research Travel Grants, David Rockefeller Center for Latin American Studies
(\$6,700)

2015	Simmons Award, Harvard Center for Biological Imaging (\$990)
2015	Georgia Entomological Society Scholarship (\$500)
2015	Graduate Student Research Fellowship, Torrey Botanical Society (\$1,000)
2015	Richard Korf Mentor Student Travel Award, Mycological Society of America (\$500)
2015	Graduate Student Council Conference Grant, Harvard University (\$750)
2014	Bayard Long Award for Botanical Research, Philadelphia Botanical Club (\$1,000)
2014	Fernald Fund Award, Harvard University Herbaria (\$5,000)
2013-2014	Theodore Roosevelt Memorial Fund Research Award, American Museum of Natural History, New York (\$2,500)
2012-2013	Collection Study Grant, American Museum of Natural History, New York (\$1,354)
2012-2018	Harvard University Graduate Student Fellowship (\$73,290/year)
2012-2013	Belgian American Educational Foundation Honorary Award
2012	Fernand Lazard Foundation Fellowship (€10,000)
2011-2012	Uytenboogaart-Eliassen Foundation award (€500)

V. PEER-REVIEWED ARTICLES (* high school/undergraduate author)

In preparation	<p>Haelewaters D, Howe AG, Meyling NV, Ravn HP, Roy HE, Tragust S, Ceryngier P. Pathogens of the globally invasive <i>Harmonia axyridis</i> (Coleoptera: Coccinellidae).</p> <p>Saba M, Haelewaters D, Iturriaga T, Khalid AN, Ashraf T, Pfister DH. <i>Geopora ahmadii</i> sp. nov. (Pyronemataceae, Pezizales), a new species from Pakistan. Mycological Progress.</p> <p>Haelewaters D. New records of Laboulbeniales (Fungi, Ascomycota) from Canadian insect collection. Nova Hedwigia.</p> <p>Haelewaters D, De Kesel A, Pfister D.H. Host-associated diversity in a microscopic ectoparasitic fungus.</p> <p>Haelewaters D, Kappler LA*, Dirks AC*, Mitchell JK, Buyck B, Pfister DH. A Fungal Inventory at the Boston Harbor Islands. Northeastern Naturalist.</p> <p>Haelewaters D, Gorczak M, Gort G, Pfister DH. Laboulbeniales (Ascomycota) of the Boston Harbor Islands II: species parasitizing Carabidae, including a preliminary morphometric analysis of <i>Laboulbenia flagellata</i>. Northeastern Naturalist.</p> <p>Haelewaters D, Yaakop S, Rossi W. New and interesting Laboulbeniales from Malaysia.</p> <p>Haelewaters D. A new species of Diphymyces (Laboulbeniales) from De Kaaistoep. Sterbeekia.</p> <p>Haelewaters D, Pfliegler WP, Gorczak M, Pfister DH. Herpomycetales, a new order of Laboulbeniomycetes (Ascomycota, Fungi) based on a three-gene phylogeny. Mycologia.</p>
In review	<p>Haelewaters D, Rossi W. New Laboulbeniales (Fungi, Ascomycota) parasitic on American small carrion beetles (Coleoptera, Leiodidae, Cholevinae). Mycologia.</p> <p>Haelewaters D, Gorczak M. Two new species of Laboulbeniales from tropical hosts, and a new method to isolate DNA from single thalli. Mycologia.</p> <p>Pfliegler WP, Báthori F, Wang TW*, Tartally A, Haelewaters D. <i>Herpomycetes</i> spp. parasitic fungi (Ascomycota: Laboulbeniales) are globally distributed by invasive cockroach (Insecta: Blattodea) hosts and the pet trade industry. Mycologia.</p> <p>Ceryngier P, Nedvěd O, Grez AA, Riddick EW, Roy HE, San Martin G, Steenberg T, Veselý P, Zaviezo T, Zúñiga-Reinoso Á, Haelewaters D. Predators and parasitoids of the harlequin ladybird, <i>Harmonia axyridis</i>, in its native range and invaded areas. Biological Invasions.</p>
2017	<p>Haelewaters D, Verhaeghen SJC, Ríos González TA, Bernal Vega JA, Villarreal Saucedo RV. 2017. New and interesting Laboulbeniales from Panama and neighboring areas. Nova Hedwigia, doi: 10.1127/nova_hedwigia/2017/0410.</p>

- Haelewaters D**, De Kesel A. 2017. De schimmel *Hesperomyces virescens*, een natuurlijke vijand van lieveheersbeestjes. *Entomologische Berichten* 77 (3): 106-118.
- Haelewaters D**, Zhao SY, Clusella-Trullas S, Cottrell TE, De Kesel A, Fiedler L, Herz A, Hesketh H, Hui C, Kleespies RG, Losey JE, Minnaar IA, Murray KM, Nedvěd O, Pfliegler WP, Raak-van den Berg CL, Riddick EW, Shapiro-Ilan DI, Smyth RR, Steenberg T, van Wielink PS, Vigišová S, Zhao Z, Ceryngier P, Roy HE. 2017. Parasites of *Harmonia axyridis*: current research and perspectives. *BioControl* 62 (3): 355-371.
- Haelewaters D**, Pfliegler WP, Szentiványi T, Földvári M, Sándor AD, Barti L, Camacho JJ, Gort G, Estók P, Hiller T, Dick CW, Pfister DH. 2017. Parasites of parasites of bats: Laboulbeniales (Fungi: Ascomycota) on bat flies (Diptera: Nycteribiidae) in central Europe. *Parasites & Vectors* 10: 96.
- 2016
- Pfliegler WP, Báthori F, **Haelewaters D**, Tartally A. 2016. Studies of Laboulbeniales on *Myrmica* ants (III): myrmecophilous arthropods as alternative hosts of *Rickia wasmannii*. *Parasite* 23: 50.
- Wang TW*, **Haelewaters D**, Pfister DH. 2016. Long-hidden in Thaxter's treasure trove: *Laboulbenia camerunensis* sp. nov. parasitic on African Curculionidae. *Mycotaxon* 131 (3): 613-619. [This article received the journal back cover.](#)
- Rossi W, **Haelewaters D**, Pfister DH. 2016. Fireworks under the microscope: a spectacular new species of *Zodiomyces* from the Thaxter collection. *Mycologia* 108 (4): 709-715.
- Wang TW*, De Kesel A, **Haelewaters D**, Pfister DH. 2016. Farlow Herbarium cockroach hosts new record of Laboulbeniales for North America. *Rhodora* 118 (973): 26-31.
- Roy HE, Brown PMJ, Adriaens T, Berkvens N, Borges I, Clusella-Trullas S, Comont RF, De Clercq P, Eschen R, Estoup A, Evans EW, Facon B, Gardiner MM, Gil A, Grez AA, Guillemaud T, **Haelewaters D**, Herz A, Honek A, Howe AG, Hui C, Hutchison WD, Kenis M, Koch RL, Kulfan J, Lawson Handley L, Lombaert E, Loomans A, Losey J, Lukashuk AO, Maes D, Magro A, Murray KM, San Martin G, Martinkova Z, Minnaar I, Nedved O, Orlova-Bienkowskaja MJ, Rabitsch W, Ravn HP, Rondoni G, Rorke SL, Ryndevich SK, Saethre M-G, Sloggett JJ, Soares AO, Stals R, Tinsley MC, Vandereycken A, van Wielink P, Vigišová S, Zach P, Zaviezo T, Zhao Z. 2016. The harlequin ladybird, *Harmonia axyridis*: global perspectives on invasion history and ecology. *Biological Invasions* 18 (4): 997-1044. [Featured in *Phys.org* and *Scientias.nl*.](#)
- Haelewaters D**, Minnaar IA, Clusella-Trullas S. 2016. First finding of the parasitic fungus *Hesperomyces virescens* (Laboulbeniales) on native and invasive ladybirds (Coleoptera, Coccinellidae) in South Africa. *Parasite* 23: 5.
- 2015
- Haelewaters D**, Gorczak M, Pfliegler WP, Tartally A, Tischer M, Wrzosek M, Pfister DH. 2015. Bringing Laboulbeniales to the 21st century: enhanced techniques for extraction and PCR amplification of DNA from minute ectoparasitic fungi. *IMA Fungus* 6 (2): 363-372.
- Haelewaters D**, Boer P, Gort G, Noordijk J. 2015. Studies of Laboulbeniales (Fungi, Ascomycota) on *Myrmica* ants (II): variation of infection by *Rickia wasmannii* over habitats and time. *Animal Biology* 65 (3-4): 219-231. [This article received the journal cover.](#)
- Haelewaters D**, Zhao SY, De Kesel A, Royer IR*, Handlin RE*, Farrell BD, Pfister DH. 2015. Laboulbeniales (Ascomycota) of the Boston Harbor Islands I: species parasitizing Coccinellidae and Staphylinidae. *Northeastern Naturalist* 22 (3): 459-477.
- Haelewaters D**, Boer P, Noordijk J. 2015. Studies of Laboulbeniales (Fungi: Ascomycota) on *Myrmica* ants: *Rickia wasmannii* in the Netherlands. *Journal of Hymenoptera Research* 44: 39-47.
- Haelewaters D**, Rossi W. 2015. Three new species of *Laboulbenia* from Roland Thaxter's backlog of slides and a brief review of Laboulbeniales associated with Chrysomelidae. *Mycologia* 107 (1): 142-148.
- Haelewaters D**, Vanpoucke S, Raes D, Krawczynski R. 2015. On carrion-associated beetles in the Sonian Forest (Belgium): observations on five deer

carcasses. Bulletin van de Koninklijke Belgische Vereniging voor Entomologie 151: 25-33.

- 2014 **Haelewaters D**, Yaakop S. 2014. New and interesting Laboulbeniales from southern and southeastern Asia. Mycotaxon 129 (2): 439-454.
- De Kesel A, **Haelewaters D**. 2014. *Laboulbenia slackensis* and *L. littoralis* sp. nov. (Ascomycota, Laboulbeniales), two sibling species as a result of ecological speciation. Mycologia 106 (3): 407-414.
- Haelewaters D**, Vorst O, De Kesel A. 2014. New and interesting Laboulbeniales (Fungi, Ascomycota) from the Netherlands. Nova Hedwigia 98 (1-2): 113-125. *Featured in The Guardian*.
- Haelewaters D**, Comont RF, Zhao SY, Pfister DH. 2014. *Hesperomyces virescens* (Fungi, Ascomycota, Laboulbeniales) attacking *Harmonia axyridis* (Coleoptera, Coccinellidae) in its native range. Chinese Science Bulletin 59 (5-6): 528-532.
- Raak-van den Berg CL, van Wielink PS, de Jong PW, Gort G, **Haelewaters D**, Helder J, Karssen G, van Lenteren JC. 2014. Invasive alien species under attack: natural enemies of *Harmonia axyridis* in the Netherlands. BioControl 59 (2): 229-240.
- Gu X, **Haelewaters D**, Krawczynski R, Vanpoucke S, Wagner H-G, Wiegleb G. 2014. Carcass ecology: more than just beetles. Entomologische Berichten 74 (1-2): 68-74.
- Haelewaters D**, Schilthuizen M, Pfister DH. 2014. On *Diphymyces* (Laboulbeniales, Ascomycota) in Malaysian Borneo. Plant Ecology and Evolution 147 (1): 93-100.
- 2013 **Haelewaters D**. 2013. First record of the genus *Ilyomyces* for North America, parasitizing *Stenus clavicornis*. Bulletin of Insectology 66 (2): 269-272.
- Haelewaters D**, De Kesel A. 2013. A new species of *Cantharomyces* (Laboulbeniales, Ascomycota) from the Netherlands. Mycotaxon 123: 467-472. This article received the journal cover.
- 2012 **Haelewaters D**, van Wielink P, van Zuijlen JW, Verbeken A, De Kesel A. 2012. New records of Laboulbeniales (Fungi, Ascomycota) for The Netherlands. Entomologische Berichten 72 (3): 175-183. *Featured in Scientias.nl*.
- Haelewaters D**, Nuytinck J, De Kesel A. 2012. Laboulbeniales (Fungi, Ascomycota) in the Netherlands: an introduction [in Dutch]. Natuurhistorisch Maandblad 101 (5): 88-93.

VI. MISCELLANEOUS PUBLICATIONS, NOT PEER-REVIEWED

- Haelewaters D**. 2016. Parasietschimmels op mieren. Forum Formicidarum 17 (1): 9-15.
- Haelewaters D**, van Wielink P. 2016. *Hesperomyces virescens* (Laboulbeniales) op een nieuwe gastheer. In: Peeters T, van Eck A, Cramer T (eds.) Natuurstudie in De Kaaistoep. Verslag 2015, 21e onderzoeksjaar. TWM Gronden BV, Natuurmuseum Brabant & KNNV-afdeling Tilburg: 9-12.
- De Kesel A, **Haelewaters D**, Dekoninck W. 2016. Myrmecophilous Laboulbeniales (Ascomycota) in Belgium. Sterbeeckia 34: 3-6.
- Roy K, Mann D, Roy H, Murray K, **Haelewaters D**. 2016. Museum collections, a treasure trove for fungal hunters. Antenna 39 (4): 178-180.
- Baral H-O, **Haelewaters D**. 2015. *Rommelaarsia flavovirens* gen. et sp. nov. (Helotiales), a new discomycete on *Equisetum* with a peculiar asexual state. Ascomycete.org 7 (6): 321-330.
- Haelewaters D**, De Kock G, van Wielink P. 2015. Nieuwe Laboulbeniales in De Kaaistoep. In: Peeters T, van Eck A, Cramer T (eds.) Natuurstudie in De Kaaistoep. Verslag 2014, 20e onderzoeksjaar. TWM Gronden BV, Natuurmuseum Brabant & KNNV-afdeling Tilburg: 11-18.
- De Kesel A, **Haelewaters D**. 2014. Belgian records of Laboulbeniales from aquatic insects (3) – species from *Dryops luridus*. Sterbeeckia 33: 9-15.

De Kesel A, **Haelewaters D**, Gerstmans C. 2013. Two interesting species of *Rickia* (Laboulbeniales) from coastal habitats in Belgium and the Netherlands. *Sterbeeckia* 32: 6-10.

Haelewaters D. 2012. The first record of Laboulbeniales (Fungi, Ascomycota) on ants (Hymenoptera, Formicidae) in The Netherlands. *Ascomycete.org* 4 (3): 65-69.

VII. TAXONOMIC NOVELTIES

Genera (1) *Rommelaarsia* Baral & Haelew. (2015).

Species (13) *Bordea denotata* Haelew. & De Kesel (2014); *Cantharomyces elongatus* Haelew. & De Kesel (2012); *Diphymyces sabahensis* Haelew. & Pfister (2014); *Gloeandromyces pageanus* Haelew.; *Laboulbenia bilobata* Haelew. & W. Rossi (2015); *Laboulbenia camerunensis* T.W. Wang & Haelew. (2016); *Laboulbenia coccinellidicola* Haelew.; *Laboulbenia erotylidarum* Haelew. (2014); *Laboulbenia littoralis* De Kesel & Haelew. (2014); *Laboulbenia longipilis* Haelew. & W. Rossi (2015); *Laboulbenia pfisteri* Haelew. & W. Rossi (2015); *Laboulbenia poplitea* Haelew. (2014); *Zodiomyces rhizophorus* W. Rossi et al. (2016).

VIII. SCHOLARLY PRESENTATIONS AND SYMPOSIA (presenter, *undergraduate author)

2017 **Haelewaters D**. Los hongos ectoparasitos (Laboulbeniales) de moscas de murcielagos. Oral presentation, III Congreso Científico, Universidad Autónoma de Chiriquí, David (Panama). August 15, 2017.

Haelewaters D, Pfiegler WP, Gorczak M, Pfister DH. Laboulbeniomycetes fungal ectoparasites of cockroaches: three-gene phylogeny and implications. Oral presentation, Evolution Annual Meeting, Portland OR. June 23-27, 2017. Pfiegler WP, **Haelewaters D**, Báthori F, Zimmerman C-U, Tartally A. *Rickia wasmannii*, a fungal ectoparasite of *Myrmica* ants, is a single phylogenetic species based on ribosomal DNA. Poster presentation, 7th Central European Workshop of Myrmecology, Krakow (Poland). April 21-24, 2017.

Haelewaters D, Albert M. The Boston Harbor Islands ATBI: Focus on Fungi. Oral presentation, Boston Harbor & Islands Science Symposium, Northeastern University, Boston MA. April 12, 2017.

2016 Villarreal R, **Haelewaters D**, Kirschner R, Hofmann T, Bernal J. Estudios de Laboulbeniales en Chiriquí, Panamá. Poster presentation, Primer Congreso de Ciencia y Tecnología, David (Panama). November 7, 2016.

Haelewaters D, Page RA. Laboulbeniales fungal ectoparasites on bat flies in Gamboa, Panama. Poster presentation, STRI Science Symposium, Tupper Center, Ancón (Panama). October 26, 2016.

Villarreal R, **Haelewaters D**, Kirschner R, Hofmann T, Bernal J Hongos asociados a insectos: un aporte al conocimiento de la biodiversidad. Poster presentation, XVI Congreso Nacional de Ciencia y Tecnología, Ciudad de Panamá (Panama). October 19-22, 2016.

Haelewaters D, Santamaría S, Pfister DH, Enghoff H, Reboleira ASPS. Laboulbeniales fungal ectoparasites on cave arthropods: remarkable models for ecology and evolution. Poster presentation, XXV International Congress of Entomology, Orlando FL. September 30, 2016.

Haelewaters D, Pfiegler WP, Camacho JC, Page RA, Dick CW, Pfister DH. Laboulbeniales on bat flies: three independent origins of host associations. Poster presentation, MassMyco regional meeting, University of Massachusetts, Amherst MA. September 24, 2016.

Cheeke TE, Branco S, **Haelewaters D**, Natvig DO, Maltz M, Cantrell Rodriguez S, May G. Diversity in the Mycological Society of America. Poster Presentation, Mycological Society of America Annual Meeting, Berkeley CA. August 8, 2016.

Haelewaters D, Pfister DH. Molecular analysis reveals host-associated diversity in a microscopic fungal parasite. Oral presentation, Mycological Society of America Annual Meeting, Berkeley CA. August 8, 2016.

Haelewaters D. Visualization of microscopic fungal parasites through time: from line drawings to PPC-SR μ CT. Poster presentation, Simmons Awards Symposium, Harvard Center for Biological Imaging, Cambridge MA. June 10, 2016.

Haelewaters D. Ten years of research at the Boston Harbor Islands National Park. Session organizer and moderator, Northeast Natural History Conference, Springfield MA. April 23, 2016.

Kappler L*, Albert M, **Haelewaters D**. A Fungal Biodiversity Inventory of the Boston Harbor Islands. Oral presentation, Northeast Natural History Conference, Springfield MA. April 23, 2016.

Rykken JJ, **Haelewaters D**, Farrell BD, Albert M. Current state of the All Taxa Biodiversity Inventory (ATBI) project at the Boston Harbor Islands National Recreation Area. Oral presentation, Northeast Natural History Conference, Springfield MA. April 23, 2016.

2015

Haelewaters D, **Wang TW***, Pfister DH. Current Laboulbeniales research: developing a model for parasite-host interactions and studying specialist fungi on cockroaches. Poster presentation, Life Sciences Undergraduate Research Fair, Cambridge MA. November 12, 2015.

Camacho JC, Heyde A, Bhullar B-A, **Haelewaters D**, Simmons N, Abzhanov A. Evolution by terminal addition generates diverse and adaptive skull shapes of phyllostomid bats. Oral presentation, North American Society for Bat Research 45th Annual Symposium, Monterey CA. October 29, 2015.

Gorczak M, Pfliegler WP, Tartally A, Tischer M, Pfister D, Wrzosek M, **Haelewaters D**. Preliminary studies on molecular phylogeny of Laboulbeniales. Oral presentation, XVII Congress of European Mycologists, Madeira, Portugal. September 24, 2015.

Haelewaters D, Shapiro-Ilan DI, Cottrell TE. Will dual fungal infections increase *Harmonia axyridis* mortality in natural populations? Oral presentation, Joint International Conference "Botany 2015", Edmonton, Alberta (Canada). July 28, 2015.

Haelewaters D, Pfister DH. Cryptic diversity in the *Hesperomyces virescens* species complex (Ascomycota, Laboulbeniomycetes, Laboulbeniales). Poster presentation, Joint International Conference "Botany 2015", Edmonton, Alberta (Canada). July 27, 2015.

Wang TW*, **Haelewaters D**, Pfister DP. *Herpomyces chaetophilus*, a new record of Laboulbeniales for North America. Oral presentation, New England Botanical Club 120th Anniversary Research Conference, Smith College, Northampton MA. June 6, 2015.

Haelewaters D, Shapiro-Ilan DI, Cottrell TE. Will dual fungal infections increase *Harmonia axyridis* mortality in natural populations? Oral presentation, IOBC-WPRS Conference on Bornholm, Denmark. May 13, 2015.

Baral H-O, **Haelewaters D**, Pärtel K. A new attempt to classify the families of the Helotiales. Poster presentation, Second International Workshop on Ascomycete Systematics, Amsterdam, The Netherlands. April 22-24, 2015.

Blackwell M, **Haelewaters D**. Laboulbeniomycetes: Alga? Worm? Fungus? Oral presentation, Second International Workshop on Ascomycete Systematics, Amsterdam, The Netherlands. April 24, 2015.

2014

Haelewaters D, Park J*, Pfister DH. *Hesperomyces virescens*, species complex. Oral presentation, MassMyco regional meeting, Harvard Forest, Petersham MA. October 11, 2014.

Wang TW*, **Haelewaters D**, De Kesel A, Pfister DH. Harvard cockroach hosts new record of Laboulbeniales. Poster presentation, MassMyco regional meeting, Harvard Forest, Petersham MA. October 11, 2014.

Haelewaters D. Fungal functional traits in a changing world. Moderator, MSA Student Section-organized symposium, Mycological Society of America Annual Meeting, East Lansing MI. June 2014.

Uehling JK, Lee S, Adams C, Maltz MR, **Haelewaters D**. MSA Student Section 2014 - Fungal functional traits. Poster presentation, Mycological Society of America Annual Meeting, East Lansing MI. June 2014.

- 2013 **Haelewaters D**, Zhao SY, De Kesel A, Pfister DH. The Laboulbeniales of the Boston Harbor Islands. Poster presentation, American Phytopathological Society and Mycological Society of America Joint Meeting, Austin TX. August 2013. Abstract: *Phytopathology* 103 (Suppl. 2): 54.
Haelewaters D, Pfister DH. Two new species of *Diphymyces* (Laboulbeniales) from Borneo. Poster presentation, American Phytopathological Society and Mycological Society of America Joint Meeting, Austin TX. August 2013. Abstract: *Phytopathology* 103 (Suppl. 2): 54.
- 2012 **Haelewaters D**, De Kesel A, Pfister DH. Two new species of Laboulbeniales (Fungi, Ascomycota). Poster presentation, MassMyco regional meeting, Clark University, Worcester MA. October 27, 2012.

IX. INVITED PRESENTATIONS

Fungal parasite on exotic lady beetle in South Africa: curse or blessing? [In Dutch]. Royal Academy for Overseas Sciences, Brussels (Belgium). February 21, 2017.

Fungal ectoparasite spreading throughout the world in the footsteps of its novel main host, the globally invasive harlequin ladybird *Harmonia axyridis*. XXV International Congress of Entomology, Orlando FL. September 30, 2016.

A common fungal parasite of ladybirds: single species or species complex? *Guest lecture*, University of Florida, Gainesville FL. September 27, 2016.

Introducción a los Laboulbeniales: hongos ectoparásitos estrictos de artrópodos. *Invited seminar*, Universidad Autónoma de Chiriquí, David (Panama). July 26, 2016.

Bats, bat flies, and Laboulbeniales fungi: a model for studying hyperparasitism. *Bambi Seminar Series*, Smithsonian Tropical Research Institute, Isla Barro Colorado (Panama). July 14, 2016.

Around the world in 80 years: a lady beetle and its parasite. *Invited seminar*, University of Michigan, Ann Arbor MI. June 30, 2016.

Current research on Laboulbeniales fungi in New England. New England Botanical Club, Cambridge MA. April 1, 2016.

Can Laboulbeniales parasites (Fungi, Ascomycota) be invasive? IOBC-WPRS Conference on Bornholm, Denmark. May 14, 2015.

The Laboulbeniales, an obscure group of insect-parasitizing fungi. Philadelphia Botanical Club, Philadelphia PA. February 26, 2015.

WANTED: lady beetles with Laboulbeniales. Harvard Museum of Comparative Zoology, Cambridge MA. December 8, 2014.

WANTED: lady beetles with Laboulbeniales. Universiti Kebangsaan Malaysia, Faculty of Science & Technology, Bangi, Malaysia. June 20, 2014.

Introducing the fascinating Laboulbeniales. Levels of specificity. Nixon Park Nature Center, York PA. March 29, 2014.

Parasite-host dynamics of Laboulbeniales parasites and invasive lady beetles. Wesleyan College, Macon GA. March 18, 2014.

Can Laboulbeniales fungi help in the biological control of the invasive *Harmonia axyridis*? U.S. Department of Agriculture, Agricultural Research Service, Byron GA. October 24, 2013.

Microscopic mysteries unfold. Cambridge Rindge & Latin School, Cambridge MA. April 9, 2013.

Looking for microscopic parasites through time. Harvard Museum of Natural History, family festival "Stories Through Time", Cambridge, MA. March 9, 2013.

Laboulbeniales: an ecological approach. Boston Mycological Club, Cambridge, MA. March 4, 2013.

Laboulbeniales (Fungi-Ascomycota) on insects. [In Dutch]. Brabant Museum of Nature, Tilburg, Netherlands. October 25, 2011.

X. SELECTED POPULAR SCIENCE PUBLICATIONS

- 2016 Pfliegler WP, Haelewaters D. Parasites of parasites: blood-sucking bat flies infected with enigmatic Laboulbeniales fungi. *Friends of the Farlow Newsletter* 67: 12-13.
Haelewaters D, Verhaeghen S. Expecting the unexpected: Looking for lady beetles and their parasites. *ReVista* 15 (1): 30.
Noordijk J, Haelewaters D, Boer P. Beschimmelde mieren. *Natuurbericht*, March 21.
- 2014 Thaxter's Treasure Trove. *Friends of the Farlow Newsletter* 63-64: 15.
- 2013 The role of ephemeral speciation in evolution [in Dutch]. *Scientias.nl*, November 18.
Hebeloma, Pioneer Genus in Forensic Mycology. *FUNGI Magazine* 6 (3): 47-48.
Great research, unexpected conclusion – Why fish is so good for you (?). *SciLogs.com*, May 7.
Squam Rock: lovely setting for 2013 Clara Cummings Walk. *Friends of the Farlow Newsletter* 61: 6-7.
Gene Variants of a "Stress" Gene Have Profound Impacts on Health. *Science in the News*, April 1.
Once upon a time ... a warming planet [in Dutch]. *Scientias.nl*, January 27.
Fatty acid-rich fish stocks: a sixth extinction crisis. *Science in the News* January 2.
- 2012 *Exserohilum rostratum*, the killing fungus. *FUNGI Magazine* 5 (5): 12-14.
Living light: new hypothesis on bioluminescence [in Dutch]. *EOS Magazine* 29 (10): 20-21.
Welcome in the world of nano [in Dutch]. *Scilogs.be*, August 27.

XI. TEACHING AND SUPERVISORY EXPERIENCE

- Fall 2016 Teaching Fellow in Organismic and Evolutionary Biology (OEB54: *Biology of the Fungi*). Taught with Donald H. Pfister. Recipient of Certificate of Distinction for Teaching Excellence.
- Spring 2016 Teaching Fellow in Organismic and Evolutionary Biology (OEB54: *Biology of the Fungi*). Taught with Donald H. Pfister.
- Fall 2015 Teaching Fellow in Organismic and Evolutionary Biology (OEB59: *Plants and Human Affairs*). Taught with Donald H. Pfister.
- Spring 2015 Teaching Fellow in Molecular and Cellular Biology (LS1b: *Genetics, Genomics*,

Spring 2014 *and Evolution*). Led three-hour laboratory sections with focus on in-class problem solving. Taught with Kevin Eggan, Hopi Hoekstra, Maryellen Ruvolo, Hopi Hoekstra, and Pardis Sabeti.

Mentoring

Undergraduate students, Harvard College

1. Kevin Bao, September 2016-present; 2. Nadia L. Urrea, September 2016-April 2017; 3. Christopher Chen, summer 2016; 4. Tristan W. Wang, January 2014-May 2016, senior thesis advisor for project "*Herpomyces*: phylogeny, taxonomy, and ecology of a fungal genus parasitic on cockroaches"; 5. Rebecca E. Handlin, May-December 2013.

Undergraduate students, Universidad Autónoma de Chiriquí, Panama

1. Laura Gaitán, August 2016-present; 2. Katherin Gutierrez, August 2016-present; 3. Leila Gonzalez, July 2016-present.

High school students

1. Fred Pan, Phillips Academy, Massachusetts, May 2017-present; 2. Jeffrey Pan, Reading Memorial High School, Massachusetts, May 2017-present; 3. Isabel R. Royer, December 2013-May 2014, Lexington High School, Massachusetts.

Postgraduate students

1. Alden C. Dirks, intern from Boston Harbor Now, February-May 2017; 2. Michał Gorczak, intern from University of Warsaw, Poland, October-December 2016; 3. Lara A. Kappler, intern from University of Massachusetts-Boston, June 2015-May 2016; 4. Edgar Franck, intern from University of Massachusetts-Boston, summer 2014.

Field assistants

1. Lauren A. Meckler, University of Delaware, June-July 2017; 2. Kirk A.E. Silas, Bat Conservation and Management, June-July 2017; 3. Rachel Moon, graduate from Harvard College, Alex G. Booth Traveling Fellow, summer 2016.

XII. RESEARCH EXPERIENCES

Field research

2015-2017 Panama
2014 Peninsular Malaysia
2012-2017 Boston Harbor Islands National Recreation Area, Massachusetts, USA
2012 Costa Rica

Museum research

2016 Florida State Collection of Arthropods, Gainesville, Florida
2015 Smithsonian Tropical Research Institute, Tupper Center, Ancón, Panama
2015 Academy of Natural Sciences of Drexel University, Philadelphia, Pennsylvania
2014 Ministère de l'Agriculture, des Pêcheries et de l'Alimentation du Québec, Canada
2014 University Kebangsaan Malaysia, Bangi, Malaysia
2013 U.S. Department of Agriculture: Agricultural Research Service, Byron, Georgia
2013-2014 American Museum of Natural History, New York
2013-2014 Harvard Museum of Comparative Zoology, Cambridge, Massachusetts
2012 Brabant Museum of Nature, Tilburg, The Netherlands

XIII. PROFESSIONAL SERVICE

Peer reviewer Aquatic Insects, Asian Journal of Biology, Biharean Biologist, Ecological Entomology, Fungal Biology, Journal of Hymenoptera Research, Journal of Invertebrate Pathology, Mycological Progress, Nova Hedwigia, Turkish Journal of Botany

Universidad Autónoma de Chiriquí, Panama

2016-2016 Member, Admissions Committee, Programa de Maestría en Biología con Especialización en Biología Vegetal

Elected offices in professional societies:

2014-2017 Councilor, New England Botanical Club

2012-2016 Communication Chair/Vice Chair/Chair/Past-Chair, Mycological Society of America Student Section

Other services to professional societies:

2016-2017 Diversity and Inclusion Committee, Mycological Society of America

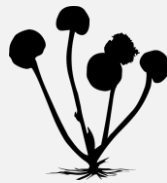
2015-2017 Student Representative, Conservation Committee, Mycological Society of America

2015-2016 Founding member, *ad-hoc* Diversity Committee, Mycological Society of America

2014-2017 Chair, Website & Social Media Committee, News England Botanical Club

2014-2017 Student Representative, Electronic Communication & Web Page Management Committee, Mycological Society of America

2014-2015 Student Representative, Program Committee, Mycological Society of America



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