**ALISON BENNETT**

Dept. of Evolution, Ecology & Organismal Biology

The Ohio State University

300 Aronoff Laboratory; 318 W 12th Ave

Columbus OH, 43210 USA

Ph: +44 (0)1382 568700 bennett.1242@osu.edu

https://eeob.osu.edu/people/bennett.1242

 **RESEARCH INTERESTS**

Plant-microbe-insect interactions, arbuscular mycorrhizal (AM) fungi, evolution in microbiomes

**PROFESSIONAL PREPARATION**

|  |  |  |  |
| --- | --- | --- | --- |
| University of Chicago, Chicago | Biology | A.B. | 1998 |
| Indiana University, Bloomington | Evolution | Ph.D. | 2001-2005 |

**APPOINTMENTS**

Assistant Professor, EEOB, The Ohio State University 2017-present

Research Leader, Band E, James Hutton Institute, Dundee, Scotland 2013-2017

Research Leader, Band D, James Hutton Institute, Dundee, Scotland 2010-2013

Visiting Fellow, University of Western Sydney, Australia 2013-present

Honorary Lecturer, University of Dundee 2010-2017

Post-Doctoral Researcher, Entomology, U of Wisconsin-Madison 2008-2009

Adjunct Faculty, School of Natural Resources & Environment, U of Michigan 2007-2008

Post-Doctoral Researcher, Evolution & Ecology, UC-Davis 2005-2007

Assistant Instructor, Department of Biology, Indiana University 2001-2005

Research Associate, Department of Biology, Indiana University 2000-2001

Peace Corps Volunteer, Agroforestry, Cameroon West Africa 1998-2000

**Grants ($23 Mill USD (Approx. $120,000 USD as PI) in 7 years in 3 currencies (£, €, AUD))**

**2018**

Pending. Ohio State University Infectious Diseases Institute Interdisciplinary Research Seed Grant. Imaging microbial behavior in complex environments. $25,000. **PI**

**2017**

H2020-MSCA-ITN-2017 Marie Skłodowska-Curie Innovative Training Networks. Microbe induced Resistance to Agricultural pests. €3,936,528.36. Co-PI

**2016**

Genomia. Development of AM fungal inoculants to increase yields in commercial strawberry and asparagus production. £54,360. **PI**

British Mycological Society (BMS) Bursary. How do AM fungi mediate parasitoid success in tri-trophic plant- herbivore-natural enemy interactions? £2250. **PI**

Scottish Society for Crop Research (SSCR) Combinable and Energy Crops. Can we use cultivar mixtures and soil biodiversity to promote on-farm diversity of plants and beneficial insects? £1674.05 **PI**

Scottish Government Rural Affairs and Environment Strategic Research (RESAS) WorkPackages 1.1.1, 1.3.1,

2.1.7, and 2.3.8. £8 million. Co-PI

**2014**

EU COST Action. Using Crop-Arthropod-Microbe (CAMo) interactions to enhance crop protection and

production. €122,000. Co-PI

Stapledon Memorial Trust Travelling Fellowship.Assessing the influence of climatic variation on species interactions in grassland systems. £2000. **PI**

OECD Fellowship. Assessing climatic variation influence on species interactions in grazing systems. €4,665. **PI**

Scottish Crucible Grant for Interdisciplinary Innovative Science. Fungal hyphal networks for bioengineered soil.

£3964. **PI**

**2013**

Nessling Foundation PhD Studentship. The impact of habitat fragmentation and environmental change on the soil community and its consequences for ecosystem services. €81,500. Co-PI

Hawkesbury Institute for the Environment Research Exchange Program (Inbound) 6,794.68 AUD. **PI**

JHI Climate Change Research. Evaluating the resilience enhancing Potential of Endophytes for Adapting to

Climate changE stress in crops (PEACE). £197,735.24. Co-PI

Finnish Academy Postdoc Grant. Plant-microbe-insect interactions: From genes to communities. €428,198. Co-PI SSCR Potato Committee. Effects of AM fungi on drought tolerance in potato. £2460. Co-PI

BMS Bursary. Do AM fungi manipulate natural enemy attack of aphids feeding on *Solanum*? £2250. **PI**

Royal Entomological Society Outreach Fund. How will insect herbivores influence arbuscular mycorrhizal fungi to alter plant resource allocation under future climates? £500. **PI**

**2012**

British Ecological Society Grant. How do changes in rainfall and root herbivory alter soil organism associations

with plants? £5000. **PI**

BMS Bursary. Is there genotypic variation amongst *Solanum* spp. for infection by AM fungi and response to aphid herbivory? £2250. **PI**

**2011**

Scottish Government Rural Affairs and Environment Strategic Research (RESAS) WorkPackages 1.1 and 3.3 £8

million. Co-PI

BMS Bursary. How do herbivores and AM fungi interact to alter plant resource allocation? £2250. **PI**

UK NERC CASE Studentship. Do mycorrhizal fungi facilitate root defense signaling in belowground predator- prey interactions? £271,974. Co-PI

**2010**

BMS Bursary.Intimate relations:How do plant and insect symbionts shape plant-herbivore interactions? £1750. **PI**

SSCR Combinable and Energy Crops. Do changes in lignin biosynthesis alter relationships between barley and

AM fungi? £1096.34. **PI**

**2005**

Floyd-Ogg Final Year Fellowship. Mechanisms underlying complex interactions between plants, herbivores, and

AM fungi. $3000. **PI**

**2004**

NSF DDIG. Examining Species Interactions: How mycorrhizal mutualist species diversity impacts a plant herbivore relationship. $11, 960. **PI**

Indiana University McCormick Science Grant. Mechanisms underlying complex interactions between plants, herbivores, and AM fungi. $2500. **PI**

Sigma Xi Grant in Aid of Research. Mechanisms underlying complex interactions between plants, herbivores, and AM fungi. $800. **PI**

**PUBLICATIONS**

***Peer-Reviewed Journal Articles***

Frew, A., J. R. Powell, G. Glauser, **A. E. Bennett**, S. N. Johnson. In Press. Mycorrhizal fungi enhance nutrient uptake but disarm defences in plant roots, promoting plant-parasitic nematode populations. Soil Biology & Biochemistry.

Giron, D., G. Dubreuil, **A. E. Bennett**, F. Dedeine, M. Dicke, L. A. Dyer, M. Erb, M. O. Harris, E. Huguet, I. Kaloshian, A. Kawakita, C. Lopez‐Vaamonde, T. M. Palmer, T. Petanidou, M. Poulsen, A. Sallé, J. C. Simon, J. S. Terblanche, D. Thiéry, N. K. Whiteman, H. A. Woods, and S. Pincebourde. 2018. Promises and challenges in insect–plant interactions. Entomologia Experimentalis et Applicata. doi: 10.1111/eea.12679

Deveautour, C., S. Donn, S. Power, **A.E. Bennett**, J.R. Powell. In Press. Invited Paper. Experimentally altered rainfall regimes and host root traits affect grassland arbuscular mycorrhizal fungal communities. Molecular Ecology. https://doi.org/10.1111/mec.14536

Holland, J.E., **A.E. Bennett**, A.C. Newton, P.J. White, B.M. McKenzie, T.S. George, R.J. Pakeman,

J.S. Bailey, D.A. Fornara, R.C. Hayes. 2018. Liming impacts on soils, crops and biodiversity in the UK: A review. Science of the Total Environment 610–611: 316–332.

Rasmussen, P.U., T. Amin, **A.E. Bennett**, K. Karlsson Green, S. Timonen, S. van Nouhuys, A.J.M. Tack. 2017. Plant and insect genetic variation mediate the impact of arbuscular mycorrhizal fungi on a natural plant-herbivore interaction. Ecological Entomology. 42(6): 793-802. DOI: 10.1111/een.12453

Busby, P. E., C. Soman, M.R. Wagner, M.L. Friesen, J. Kremer, **A.E. Bennett**, M. Morsy, J.A. Eisen, J.E. Leach, J.L. Dangl. 2017. Research priorities for harnessing plant microbiomes in sustainable agriculture. PLoS Biology. 15(3): e2001793. doi: 10.1371/journal.pbio.2001793

Rasmann, S., **A.E. Bennett**, A. Biere, A. Karley, E. Guerrieri. Invited Paper. 2017. Root symbionts: powerful drivers of plant above- and belowground indirect defences. Insect Science. 24(6): 947-960. doi.org/10.1111/1744-7917.12464

A. J. Karley, M. Emslie-Smith, **A. E. Bennett**. Invited Paper. 2017. Fitness trade-off with parasitism susceptibility in the potato aphid (*Macrosiphum euphorbiae* Thomas): the role of plant and herbivore identity, soil microbes and water availability. Insect Science. 24(6): 1015-1024. doi: 10.1111/1744-7917.12445

Hourston, J.E., **A.E. Bennett,** S.N. Johnson, A.C. Gange. 2016. Does the Slow-Growth, High-Mortality

Hypothesis Apply Below Ground? PLoS One 11(8): e0161904. doi: 10.1371/journal.pone.0161904

**Bennett, A.E.**, N.S. Millar, E. Gedrovics, A. Karley. 2016. Invited Paper. Plant and insect microbial symbionts alter the outcome of plant-herbivore-parasitoid interactions: implications for invaded, agricultural and natural systems. Journal of Ecology. 104(6): 1734–1744. doi: 10.1111/1365-2745.12620

Millar, N. S., **A. E. Bennett**. 2016. Stressed out symbiotes: Hypotheses for the influence of abiotic stress on arbuscular mycorrhizal fungi. Oecologia. 182(3):625–641 doi: 10.1007/s00442-016-3673-7

Powell, J.R., **A.E. Bennett.** 2016. Unpredictable assembly of arbuscular mycorrhizal fungal communities. Pedobiologia 59(1-2): 11-15. doi: 10.1016/j.pedobi.2015.12.001

Keefover-Ring, K., K. Rubert-Nason, **A.E. Bennett**, R.L. Lindroth. 2016. Growth and chemical responses of Trembling Aspen to simulated browsing and ungulate saliva. Journal of Plant Ecology. 9(4): 474-84. doi:10.1093/jpe/rtv072

**Bennett, A. E.**, Grussu D., Kam J., Caul, S., Halpin, C. 2015. Plant lignin content altered by soil microbial community. New Phytologist. 206(1): 166-74. doi: 10.1111/nph.13171 *Featured in Nature Plants 2015 1:1*

Brooker, R., **A. E. Bennett**, W-F. Cong, Daniell, T., George, T., Hallett, P. D., Hawes, C., Ianetta, P., Jones, H. G., Karley, A., Li, L., McKenzie, B., Pakeman, R., Paterson, E., Schoeb, C., Shen, J., Squire, G., Watson, C., Zhang, C., Zhang, F-S., Zhang, J., White, P. 2015. Improving intercropping: A synthesis of research in agronomy, plant physiology and ecology. New Phytologist. 206(1): 107-117. doi: 10.1111/nph.13132

*ISI Highly Cited Paper*

Meehan, T. D., Couture, J. J., **Bennett, A. E.** and Lindroth, R. L. 2014. Invited Paper. Herbivore-mediated material fluxes in a northern deciduous forest under elevated carbon dioxide and ozone concentrations. New Phytologist. 204(2): 397-407.

**Bennett, A. E.**, T.J. Daniell, M. Opik, J. Davison, M. Moora, M. Zobel, M-A. Selosse, D. Evans. 2013a. AM Fungal networks vary throughout the growing season and between successional stages. PLoS One 8(12): e83241. doi: 10.1371/journal.pone.0083241

Orrell, P., **A. E. Bennett**. 2013. Invited Paper. How can we exploit above–belowground interactions to assist in addressing the challenges of food security? Frontiers in Plant Science. 4(432):1-11. doi: 10.3389/fpls.2013.00432

Hackett, S., A. Karley, **A. E. Bennett**. 2013. Intimate Relations: How do plant and insect symbionts shape plant- herbivore interactions? Proceedings of the Royal Society B 280 (1768): 20131275. doi: 10.1098/rspb.2013.1275

**Bennett, A.E.**, A.M. Macrae, B.D. Moore, S. Caul, S.N. Johnson. 2013b. Early root herbivory impairs arbuscular mycorrhizal fungal colonisation and shifts defence allocation in *Plantago lanceolata*. PLoS One 8(6): e66053. doi: 10.1371/journal.pone.0066053

Biere, A., **A.E. Bennett**. 2013. Invited Paper. Three-way interactions between plants, microbes and insects:

mechanisms, implications and perspectives. Functional Ecology 27(3): 567-73. doi: 10.1111/1365-2435.12100

**Bennett, A.E.** 2013. Invited Paper. Plants, microbes, and insects: Interactions among species in invasions. Functional Ecology 27(3): 661-671. doi: 10.1111/1365-2435.12099

**Bennett, A.E.** and S.Y. Strauss. 2013. Variation in plant response to soil communities varies with introduced status. Biological Invasions. 15(6):1343-1353. doi: 10.1007/s10530-012-0371-1

**Bennett, A.E.,** M. Thomsen, and S.Y. Strauss. 2011. Invasive species influences germination, establishment and growth of native competitor via alteration of soil biota. American Journal of Botany 98(7): 1086-94. doi: 10.3732/ajb.1000177 *Featured in Spring 2012 issue of Kew Magazine*

Lankau, R., E. Wheeler, **A.E. Bennett**, and S.Y. Strauss. 2010. Plant-soil feedbacks contribute to an intransitive competitive network that promotes both genetic and species diversity. Journal of Ecology 99(1): 176-185. doi: 10.1111/j.1365-2745.2010.01736.x

**Bennett, A.E.** 2010. The role of soil community biodiversity in maintaining insect biodiversity. Insect

Conservation and Diversity 3(3): 157-171.

Garrido, E., **A.E. Bennett**, J. Fornoni, S.Y. Strauss. 2010a. Invited Paper. The dark side of the mycorrhiza. Plant

Signalling & Behavior 5(8): 1019-21. doi: 10.4161/psb.5.8.12292

Garrido, E., **A.E. Bennett**, J. Fornoni, S.Y. Strauss. 2010b. Variation in arbuscular mycorrhizal colonization modifies the expression of tolerance to above-ground defoliation. Journal of Ecology 98(1): 43-49. doi: 10.1111/j.1365-2745.2009.01586.x *Finalist for annual Journal of Ecology Harper Prize*

**Bennett, A.E.**, J.D. Bever, and M.D. Bowers. 2009. Arbuscular mycorrhizal fungal species suppress inducible plant responses and alter defensive strategies following herbivory. Oecologia 160(4): 771-779. doi: 10.1007/s00442-009-1338-5

**Bennett, A.E.** and J.D. Bever. 2009. Effects of herbivory and fungal competition on mycorrhizal colonization in

*Plantago lanceolata*. Oecologia 160(4): 807-816. doi: 10.1007/s00442-009-1345-6

Gehring, C. and **A.E. Bennett**. 2009. Invited Paper. Mycorrhizal fungal-plant-insect interactions: the importance of a community approach. Environmental Entomology 38(1): 93-102. doi: 10.1603/022.038.0111 *One of Top 10 downloaded Environmental Entomology papers of 2009*

**Bennett, A.E.** and J.D. Bever. 2007. Mycorrhizal species differentially alter plant growth and response to herbivory. Ecology 88(1):210-218.

**Bennett, A.E.**, J. Alers-Garcia, J.D. Bever. 2006. Effects of mutualistic mycorrhizal fungi on plant enemies: Hypotheses and Predictions. American Naturalist 167(2): 141-152. doi: 10.1086/499379

**Bennett, A.E.**, D.M. Evans, J.R. Powell. In Revision. Potentials and pitfalls in the analysis of networks to understand plant–microbe interactions in changing environments. Functional Ecology.

**Bennett, A.E.**, A.T. Classen. In Revision. How mycorrhizal fungi are influenced by and will influence plant responses to climate change. Functional Ecology.

***Book chapters and other invited articles***

**Bennett, A.E.,** P. Orrell, A. Malacrino, M.J. Pozo. In Press. Fungal-mediated above–belowground interactions: The community approach, stability, evolution, mechanisms, and applications. *in* Above-Belowground Ecology (Ecological Studies Series) ed. T. Ohgushi, S. Wurst, S. Johnson, Springer-Verlag, Berlin.

**Bennett, A.E.** 2014. Invited Book Review. A Handbook for Analyses of Bipartite Mutualistic Networks.

Bioscience 64(11):1054-5. doi: 10.1093/biosci/biu155

Walters, D. R., **A. E. Bennett**. 2014. Microbial Induction of Resistance to Pathogens *in* Induced Resistance for Plant Defense: A Sustainable Approach to Crop Protection, 2nd Edition. (ed. D. R. Walters, A. C. Newton, G. D. Lyon) John Wiley & Sons, Ltd., Hoboken, New Jersey, USA, pp. 149-170.

**Bennett, A.E.**, T.J. Daniell, P. J. White. 2013c. Benefits of Breeding Crops for Yield Response to Soil Organisms *in* Molecular Microbial Biology of the Rhizosphere (ed. F. J. de Bruijn). Wiley-Blackwell, Hoboken, New Jersey, USA, vol. 1, pp. 17-27.

**Bennett, A.E.** 2012. Invited Commentary. Pushing boundaries in above-belowground interactions. Functional

Ecology. 26(2): 305-6.

***News and OutreachPublications***

2015. Plant-Microbe Interactions: Microbiome remote control. Nature Plants 2015 1:1. Research highlight about

Bennett et al., 2015. New Phytologist. 206(1): doi: 10.1111/nph.13171

2015. Organized International Year of Soils popular press article series (12 Articles). Published in the Scotsman.

2015. **Bennett, A.E.**, T. Daniell, T. George. Soil provides grounds for revolution. The Scotsman newspaper 26 May 2015. pp. 26-7

2015. [http://www.sciphun.com/ Sc](http://www.sciphun.com/)ientist of the Month. March 2015.2012. Pushing out the daisies. Spring 2012. Kew Magazine. p 19. Popular article about Bennett et al., 2011. American Journal of Botany 98(7) :1086-94

2001-2009. Syndicated Newspaper Columnist. Wonderlab Wonderpages. (Science articles for children.)

**AWARDS AND HONORS**

2014. Elias Magnus Fries Medal (European International Mycological Association Young Mycologist Award).

*Given every four years to the most outstanding early career mycologist in Europe*

2014. Scottish Crucible. *Training emerging scientific leaders.*

2010. Appointed Fellow of the Royal Entomological Society.

2008. NSF Women Evolving Biological Sciences. *Future women academic leaders in Ecology and Evolution.*

2007. Young Scientists Symposium, University of Michigan, Ann Arbor, MI, USA.

2005. Outstanding Student Presentation Award (2nd Place). “A test of tri-trophic interaction hypotheses involving

mycorrhizae, plants, and herbivores.” Soil Ecology Society Meeting

**CONFERENCES AND WORKING GROUPS ORGANIZED**

Member, Scientific Committee. 2016. 16th Symposium on Insect-Plant Interactions, Tours, FR

Member, British Ecological Society Meetings Committee. 2015-present.

Member, Scientific Advisory Panel. 2015. International Conference on Mycorrhizal Fungi (ICOM8).

**Alison Bennett**, Susanne Wurst. 2015. Conveners Below and Above Ground Interactions Session. Rhizophere 4. Bejarano, Eduardo, Maria Jose Pozo, **Alison Bennett**. 2012. Workshop: Plant-microbe-insect interactions: from

molecular mechanisms to ecological implications. International University of Andalucía, Spanish Ministry of

Science. (Approximately 200 participants)

Karley, Alison, **Alison Bennett**, Scott Johnson, Tim Daniell. 2012. Symposium: Exploiting new technologies for the mechanistic study of aboveground-belowground interactions. British Ecological Society/Society for Experimental Biology/Biochemical Society. (Approximately 100 participants)

**Alison Bennett**, Scott Johnson, Daniel Ballhorn. 2012. Organized Oral Session. Above-belowground interactions

– from genomes to ecosystems. Ecological Society of America Meetings.

Peter Gregory, Glyn Bengough, Tim George, Philip White, Blair McKenzie, Paul Hallett, Eric Patterson, Tracy Valentine, Adam Price, Ian Bingham Wilfred Otten, Bruce Nicoll, **Alison Bennett**. 2012. Roots to the Future: 8th Symposium of the International Society of Root Research.

**Alison Bennett** and James Umbanhower. 2009. Investigative Workshop: New Strategies for the Black Box: Identifying mathematical tools for elucidating plant-soil interactions. National Institute for Mathematical and Biological Synthesis (NIMBioS) (34 participants)

**Alison Bennett** and Mirka Macel. 2007. Organized Oral Session. Belowground organisms modify above-ground plant interactions. Ecological Society of America Meetings.

**SYMPOSIUM AND INVITED PRESENTATIONS**

**2016**

**Keynote**. University of Lancaster Plant-Soil Interactions Conference

Insect Biology Research Institute, University François-Rabelais, FR Cardiff University, UK

**Keynote.** Plant-mediated communication between above and belowground foodwebs. IDiv, Leipzig, DE

UK Plant Sciences Meeting. John Innes Institute, UK.

US NSF Plant Microbiomes and Sustainable Agriculture. Asilomar, CA, USA.

**2015**

Symposium. British Ecological Society. Edinburgh, UK.

**Keynote.** European Congress of Mycology. Madeira, PT. International Congress on Mycorrhizae 8. Flagstaff, AZ, USA. Rhizosphere 4. Maastricht, NL.

Manchester Metropolitan University, UK.

**2014** Symposium. Joint Annual Meeting British Ecological Society/Société Française d’Ecologie. Lille, FR.

**2013**

Dahlem Centre of Plant Science, Freie Universität Berlin, DE.

Hawkesbury Institute for the Environment, University of Western Sydney, Australia.

**2012**

University of Hull, UK.

University of Abertay, UK

Symposium. International University of Andalucía, Spanish Ministry of Science, ES. Symposium/Organized Oral Session. Ecological Society of America Meetings. Portland, OR, USA. International Conference on Advances in Biological Sciences, Kannur University, India.

**2011**

University of St. Andrews, UK.

ESF Exploratory Workshop “Plant-microbe-insect interactions: From molecular mechanisms to ecological

implications”, Wageningen, NL.

Royal Entomological Society Scottish Regional Meeting, Dundee, UK.

**2010**

British Soil Science Society SW England Soils Discussion Group Summer Meeting, North Wyke Research, UK. University of Copenhagen, DK.

NIOO-KNAW, Heteren, NL. York University, UK. Rothamsted Research, UK.

**2009** University of Tennessee, Knoxville, USA.

**2008**

Northern Arizona University, USA.

University of Wisconsin, Madison, USA.

Organized Oral Session. Ecological Society of America Meetings. Milwaukee, WI, USA. Scottish Crop Research Institute, Dundee, UK.

**2007**

Organized Oral Session. Ecological Society of America Meetings. San Jose, CA, USA. Young Scientists Symposium, University of Michigan, Ann Arbor, USA.

Bodega Bay Marine Lab, Bodega, CA, USA.

**2006** Center for Population Biology, University of California, Davis, USA.

**2005** Department of Biology, Indiana University, USA.

**TEACHING EXPERIENCE**

*Primary Instructor*

EEOB 3310 Evolution. 2018-present. Ohio State University.

Academic Life Skills Series. 2010-present. Post-graduate seminar series. James Hutton Institute.

Biology Field Course. 2011-2013. Upper Level Undergraduate Course. University of Dundee. Ecology. 2008. Instructor. Upper Level Undergraduate Course. University of Michigan, Ann Arbor. Soil Biology. 2007. Instructor. Post-Graduate Course. University of Michigan, Ann Arbor.

*Assistant Instructor*

Environmental Biology. 2012-present. Guest Laboratory Instructor. Undergraduate Course. University of

Dundee.

Evolution. 2014-16. Guest Lecturer. Upper Level Undergraduate Course. University of St. Andrews.

Crops for the Future MRes Course. 2011-2013. Guest Lecturer. Post-graduate Course. University of Dundee/JHI. Plant-Animal Interactions. 2011. Guest Lecturer. Upper Level Undergraduate Course. University of St. Andrews. General Entomology. 2008. Guest Lecturer. Upper Level Undergraduate & PhD Course. University of

Wisconsin, Madison.

Plant Biology. 2002-5. Assistant Instructor. Upper Level Undergraduate Course. Indiana University. Fungal Biology.

2003-5. Assistant Instructor. Upper Level Undergraduate Course. Indiana University. Introductory Biology Laboratory.

2002. Assistant Instructor. Undergraduate Course. Indiana University. Introduction to Ecology & Evolution. 2001. Assistant Instructor. Undergraduate Course. Indiana University. Curriculum Development.

1998-2000. High School Environmental Education Program. Cameroon, West Africa.

**MENTORING EXPERIENCE**

**2010-2018: James Hutton Institute**

1 Post-Doc: Ayco Tack (based at University of Helsinki); 2013-15

5 PhD students:

James Hourston (registered at Royal Holloway London, UK); completed 2015

Alex van den Box (registered at University of Aberdeen, UK); completed 2015

Peter Orrell (registered at Newcastle University, UK); completed 2018

Pil Rasmussen (registered at University of Stockholm, SE); expected to complete 2018

Coline Deveautour (registered at Western Sydney University, Australia); expected to complete 2018

Leigh-Anne Kemp (registered at Lancaster University, UK); expected to complete 2020

3 MsC students: Ana Arguello (University of St. Andrews), Anupol Chareesi (Wageningen University), Lorna

Blackmore (University of Aberdeen)

18 UG Honors Students: Sean Hackett, Anna Macrae, Heather Shanks, Luke Moore, Sarah Stenhouse, Lizzy Eddowes, Eleanor Barr, Laura Cameron, Niall Millar, Dan Armstrong, Tommer Wallace, Helen Weir, Grant Johnstone, Matthew Emslie-Smith, Emils Gedrovics, Leigh-Anne Kemp, Rowan Meikle, Stuart Morgan

**2008-09: University of Wisconsin**. 6 UG Research Scholars: Kevin Karl, Jason Lawniczak, Pamela Fife, Daniel

Ruhland, Cecilia Welch, Caralee Corcoran

**2007-08: University of Michigan**. DOE Funded Summer Project Undergraduate (Marlene Tyner).

**2005-07: University of California, Davis**. 2 UG Research Projects (Anna Deck, Zacharia Costa).

**2001-05: Indiana University**. 5 UG Independent Projects (Jason Steliga, David McNutt, Sarah Shuck, Christie

Helton, Michael Soshnik), 2 minority HS Students, and 1 HS Teacher.

**PROFESSIONAL SERVICE & DEVELOPMENT**

2017-present. Member. Animal, Microbial and Plant Biology Grant Panel. French National Research Agency (ANR)

2016. Panel Member, Webinar “Getting Published”. British Ecological Society.

<http://www.britishecologicalsociety.org/wp-content/uploads/BES-Guide-to-Getting-Published.pdf>

2015-2018.British Ecological Society Meetings Committee.

2014-present. Workgroup 1 Chair. COST Action FA1405. Using three-way interactions between plants, microbes and arthropods to enhance crop protection and production.

2015-present. Editorial Board. Fungal Ecology.

2014-present. Editorial Boards. Functional Ecology.

2014-present. Editorial Board. Pedobiologia.

2012. Editor. Functional Ecology Special Issue: Plant-Microbe-Insect interactions

2002 AND 2003. Microbial Ecology Search Committee. Department of Biology, Indiana University.

2004. Ecology Search Committee. Department of Biology, Indiana University.

2004. Environmental Science Interdepartmental Search Committee. Indiana University.

Reviewer. DFG (DE), NSF (US), USDA (US), Vini grants (NL), ANR (FR), NERC (UK), EU COST, Ecology Letters, Oecologia, Ecology, Biological Invasions, New Phytologist, Functional Ecology, Plant Ecology, Fungal Ecology, Ecological Entomology, Global Change Biology, Plant and Soil, Oikos, American Journal of Botany, Mycologia, Frontiers in, and Journal of Ecology

**PROFESSIONAL AFFILIATIONS**

International Mycorrhiza Society 2013-present

Fellow of the Royal Entomological Society 2010-present British Mycological Society 2010-present British Ecological Society 2010-present Ecological Society of America 2004-present International Symbiosis Society 2009-present Sigma Xi Scientific Society 1998-present

**PUBLISHED ABSTRACTS**

 **Bennett, A.E.**, R. Meikle, N. Millar, E. Gedrovics, A.J. Karley. 2017. ESA

 **Bennett, A.E.**, R. Meikle, N. Millar, E. Gedrovics, A.J. Karley. 2017. ICOM 8.

 **Bennett, A.E.**, R. Meikle, N. Millar, E. Gedrovics, A.J. Karley. 2017. SIP 16.

**Bennett, A.E.**, C. Deveautour, J. Powell, B. Moore, S. Johnson. 2016. British Ecological Society Meetings.

**Bennett, A.E.,** J. Powell, B. Moore, S. Johnson. ISRR9 Canberra

**Bennett, A.E.**, A. Karley. 2014. Symposium on Insect-Plant Interactions 15

**Bennett, A.E.**, A. Karley, N. Millar. 2014. European Congress of Entomology

**Bennett, A.E.**, S. Hackett, A. Karley. 2013. International Conference on Mycorrhizae (ICOM) 7

van den Bos, A., J. Davidson, **A.E. Bennett**, D. Johnson, T Daniell. 2013. ICOM 7

Hourston, J., **A.E. Bennett**, S.N. Johnson. 2013. ICOM 7

S. Caul, **A.E. Bennett**, T. Daniell. 2013. ICOM 7

**Bennett, A.E.**, Sean Hackett, Alison Karley. 2012. RES Insect Ecology SIG Meeting: Insect-Fungus Interactions. **Bennett, A.E.**, A.M. Macrae, B.D. Moore, S. Caul and S.N. Johnson. 2011. British Ecological Society Meetings. **Bennett, A.E.**, K. Rubert-Nason, H. Specht, R.L. Lindroth. 2011. 14th Symposium on Insect-Plant Interactions **Bennett, A.E.** and R.L. Lindroth. 2010. Plant Population Biology Meetings

**Bennett, A.E.** and R.L. Lindroth. 2010. Ecological Society of America Meetings

**Bennett, A.E.** 2009. International Symbiosis Society Meetings.

**Bennett, A.E.**, J.D. Bever, and M.D. Bowers. 2007. Gordon Research Conference: Plant-Herbivore Interactions

**Bennett, A.E.** and J.D. Bever. 2006. ICOM 5

**Bennett, A.E.** 2005. Evolution.

**Bennett, A.E.** 2005. Soil Ecology Society Meeting

**Bennett, A.E.** and J.D. Bever. 2004. Ecological Society of America Meetings

**Bennett, A.E.** and J.D. Bever. 2004. Gordon Research Conference: Plant-Herbivore Interactions

**Bennett, A.E.** and J.D. Bever. 2003. ICOM 4