

# Emeline A. Favreau

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In my final year of PhD at Queen Mary University of London, I am currently specialising on ant genomics, from the field to the lab and the cluster. I am curious about all evolutionary mechanisms.

## Education

Since 2015: PhD in ant genomics, QMUL.

Supervisors: Dr Y. Wurm and Dr M. Reuter. NERC-funded Doctoral Training Programme.

2013 – 2014: MRes Biosystematics at Imperial College London & Natural History Museum, London.

Supervisor: Prof A. Vogler. Merit.

2008 – 2011: BSc Environmental Sciences at Oxford Brookes University, Oxford 1st Class (Hons).

## Publications

Linard, Crampton-Platt, Moriniere, Timmermans, Andújar, Arribas, Miller, Lipecki, **Favreau**, Hunter, Gómez-Rodríguez, Barton, Nie, Gillett, Breeschoten, Bocak and Vogler (2018) The contribution of mitochondrial metagenomics to large-scale data mining and phylogenetic analysis of Coleoptera. *Molecular Phylogenetics and Evolution*. 128: 1-11.

**Favreau**, Martínez-Ruiz, Rodrigues Santiago, Hammond and Wurm (2018) Genes and genomic processes underpinning the social lives of ants. *Current Opinion in Insect Science*. 3926 (4):451-479.

Lyal and **Favreau** (2015) The Rectal Valve in Curculionoidea and other Coleoptera (Insecta). *Zootaxa*. 3926 (4):451-479.

## Conferences

### ▪ Oral presentations on current PhD research

Aug 2018 - IUSSI 2018, in Guarujá (Brazil)

Mar 2018 - invited talk, UCL GEE Seminar, in London

Feb 2018 - QMUL SBCS Postgraduate Symposium, in London

Jun 2017 - Evolution conference, in Portland, Oregon (USA)

Jan 2017 - 50th Population Genetics Group Meeting, in Cambridge

Dec 2016 - North-West section of IUSSI Winter Meeting, in London

### ▪ Posters on current PhD research

Aug 2018 - Evolution conference, in Montpellier (France)

Aug 2017 - ESEB congress, in Groningen (Netherlands)

Feb 2017 - QMUL SBCS Postgraduate Symposium, in London

Sep 2016 - NERC DTP conference, in London

### ▪ Symposium organiser

Aug 2018 - Organising and Chairing “Evolution of social organization” symposium at IUSSI Brazil 2018

## Grants & Awards

2018 - QMUL PostGraduate Research Fund for US fieldwork

2018 - Travel Grant, Royal Entomological Society (RES), IUSSI Brazil 2018 (Guarujá)

2018 - Travel Grant, Royal Society of Biology, IUSSI Brazil 2018 (Guarujá)

2017 - Conference Grant, Genetics Society, Population Genetics Group Meeting (Bristol)

2017 - Conference Grant, Genetics Society, ESEB (Netherlands)

2015 - PhD Scholarship from London NERC DTP

2014 - Conference Grant, RES, 2<sup>nd</sup> Young Natural History Scientists' Meeting (France)

2013 - Masters Scholarship from Entente Cordiale

2013 - Study Grant, Ruby and Will George Trust

## Teaching Experience

2017-18 - Mentoring Ecology and Evolutionary Biology Masters research project (Gino Brignoli)  
2017 - Field course assistant, module Tropical Ecology South Africa (Dr Rob Knell), 2 weeks  
2016-17 - Teaching assistant, Masters Bioinformatics course, 40 hours

## Personal Development

2016 - Evolution PhD Course, including Evolution of sociality, Social networks and epidemiology, Mutualisms and parasitism, Conflict and cooperation, Communication, Genetics of sociality (IST Austria) 5 days

2016 - French Ant Course by French Section of IUSI, including identification and collecting methods (Banyuls-sur-mer) 3 days

2015 - NERC DTP Skills Fridays on The Art of Environmental Research, including communication skills, creativity & innovation, ethics, networking, project planning & organisation, resource management, team-working, work-life balance & stress management (NHM, London) 12 days

## Outreach

2018 - Explaining our research to locals (bug hunt, arthropod colonies “show and tell”, solitary bee hotel craft) at QMUL Festival of Communities in London (1 day)

2017 - ScienceSoap Box Support Volunteer (engaging with audience) in Brighton (1 day)

## Professional Society Affiliations

2018 - Society for Molecular Biology and Evolution

2018 - Society of Systematic Biologists

2017 - Linnean Society of London

2017 - International Union for the Study of Social Insects (French Section)

2017 – European Society for Evolutionary Biology

2016 - Royal Entomological Society

2016 - Genetics Society

2016 - International Union for the Study of Social Insects (North-west Section)

## Reviewer for

PeerJ