Francis (Sid) Dougan
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Educational Qualifications: Grade:

(***Present***) **Ph.D**. in Individual Differences and Evolutionary Psychology Advisor: Dr. David M Buss	The University of Texas at Austin	
2013 - 2017 **MSci** Zoology	University of Bristol (UK)	*2:1 (Second Class Honours: First Division)* *(Total Grades/Credits Equivalent to GPA of 3.37)*
2012 - 2013 Access Course in Science	Somerset College of Art and Technology	*Of the available 60 credits - 48 graded Distinction and 12 graded Merit*
2012 - 2012 Preparation for HE Science	Exeter College	*Distinction*
2009 - 2011 National Diploma in Music	Bridgwater College	*Triple Distinction**
2008 - 2009 First Diploma in Music	Bridgwater College	*Distinction**
2003 - 2008	Courtfields Community School	*7 GCSEs*

Employment:

(*Present*) - Teaching Assistant at The University of Texas at Austin, Department of Psychology.
Managing of class information, notes, and grades, on Canvas.
Grading undergrad exams and providing individual feedback to students.
General tuition for undergrad students.

2019-2023 - Research & Development Laboratory Technician at KDC-ONE/Swallowfield Cosmetics, UK.
Developing new cosmetic products and testing new aerosol technologies.
Performing quality control experiments on newly developed products and conducting user trial studies. Conducting market and regulatory research and presenting new products to external companies.

2019-2023 - Part-time voluntary Muay Thai Instructor at Fightworx Academy Taunton, UK.
Ensuring students are safe at all times.
Liaising with potential new students, providing information and addressing queries.
Planning and conducting lessons and one-to-one training, and cornering fighters in competition.

Relevant experience:

2013 - 2017 - During my 4-year Zoology MSci degree I received training in experimental design, data collection, and statistical analysis using both R and SPSS. I completed modules such as evolutionary biology, life-history strategies, behavioural ecology, mammalian ecology, quantitative methods, and many other relevant modules. I designed and conducted independent research projects in the laboratory and the field. I wrote numerous assessed scientific reports and essays, including two extensive literature reviews titled “the evolution of parasitism in Nematoda” (supervised by Professor Mark Viney), and “allometry & scaling relationships in arthropods” (supervised by Professor Richard Wall). I also presented research via oral presentations, and chaired several scientific conferences.

2017 - 4th year laboratory research project titled "Development and phenotypic plasticity in the blowfly *Lucilia sericata*" at the University of Bristol Parasitology Lab (supervised by Professor Richard Wall).
It had previously been shown that under crowded conditions *L. sericata* larvae exhibit adaptive phenotypic plasticity and emerge as smaller adults than is typical. I was interested in further investigating the effects of this phenotypic plasticity on larval development. Specifically, I wanted to establish the minimal viable weight for *L. sericata*, the effects size has on development, survival, and reproduction, and how these effects differed between males and females. The project required rearing and maintaining several lineages of blowflies in the laboratory, handling live insects, dissections, microscopy, and statistical analysis.

2015 - 2016 - 3rd year laboratory research project titled "Foraging behaviour in a *Camponotus* ant colony: interactions with a pitcher plant" at the University of Bristol Sensory Biology Lab (supervised by Dr Ulrike Bauer).
This was an exploratory project in which I investigated the behaviour of a polymorphic *Camponotus* ant colony when foraging for nectar on a *Nepenthes rafflesiana* pitcher plant. I was curious to establish whether there was division of labour and specialisation between ants of different sizes, and whether the ants would preferentially forage from pitchers of specific sizes and/or ages. The project required rearing and maintaining a colony of *Camponotus* ants in the laboratory, designing and conducting behavioural experiments, and analysing nectar-sucrose compositions. I was also responsible for the care of a highly valuable *N. rafflesiana* pitcher plant that was on loan to the university.

2015 - 2nd year field research project titled "Ultrasound startle-responses in neotropical invertebrates" at La Selva Biological station, Costa Rica (supervised by Dr Marc Holderied).
Echolocation hearing and adaptive ultrasound acoustic startle responses (ASRs) had been studied extensively within orders such as Lepidoptera, but, comparatively, ASRs in other orders were not well known. Due to the wide range of invertebrates that bats prey upon, I hypothesised that natural selection would have favoured the evolution of ASRs in many more species and orders than had been documented, and I was interested to examine the prevalence of ASRs among a wide range of neotropical invertebrates. The project required conducting behavioural experiments in harsh/hazardous conditions in the rainforest, safely and humanely catching and handling potentially dangerous insects, spiders, and bats, and using computer programs for analysing bat echolocation calls.

Journal Refereeing Experience
- Personality and Individual Differences

Hobbies and Interests:

My hobbies include Muay Thai (Thai-Boxing), camping and outdoor adventuring, and playing guitar and piano. I enjoy reading, and discussing/debating history and politics. I also like to photograph animals (particularly invertebrate species), and I rear ant colonies, spiders, and praying mantises at home.