

CURRICULUM VITÆ**Name:** JAMES ANDREW MOSSMAN**Address:** Department of Ecology and Evolutionary Biology,
Brown University,
Box G,
Providence,
Rhode Island 02912.
USA**Contact details:** Tel: (401) 863 1063 (office)
Fax: (401) 863 2166 (fax)
Email: [jim_mossman\[at\]brown\[dot\]edu](mailto:jim_mossman@brown.edu)**Nationality:** British**Date of birth:** March 30th 1982**Academic record:** **PDRA** 2010- Present Brown UniversityResearch programme: Nuclear-mitochondrial fitness interactions in *Drosophila***Ph.D.** 2004 - 2008 University of SheffieldThesis title: *'The role of mitochondrial genetic variation on sperm function: empirical tests of the Frank and Hurst Hypothesis'*Supervisors: Dr J. Slate & Prof. T.R. Birkhead (Animal and Plant Sciences),
Dr A.A. Pacey & Prof. H.D.M. Moore (Academic Unit of Reproductive and Developmental Medicine)**M.Biol.Sci. (Hons. Zoology)** 2000 - 2004 University of SheffieldThesis title: *'Single sperm genotyping in the zebra finch Taeniopygia guttata'***Society Membership:**

2004 – Present Genetics Society of America

2004 – 2006 Genetics Society

Ad hoc reviewer: *Evolution, Biology Letters, Reproduction, Human Fertility, BMC Urology, BMJ Open, PloS One***Teaching:**

2004 – 2007 Undergraduate practical class supervision and marking in ecology, genetics and evolutionary biology

2009 Supporting undergraduate and Masters' students in the Sheffield Molecular Ecology Laboratory

2012 Guest lecture, Brown University: Quantitative Genetics.

Outreach: 2013 Providence Youth Center, Providence, RI

Conferences attended:

2003 - 2007 Biology of Spermatozoa, Castleton, Derbyshire, UK
 2004 International Symposium for Stem Cell Biology, Sheffield
 2006 Spermadrid: International meeting on Spermatology, Madrid, Spain
 2009 ‘The Science of Sperm’, Royal Hallamshire Hospital, Sheffield
 2010 Evolution, Portland, Oregon
 2011 Drosophila Meeting, San Diego, CA
 2013 Drosophila Meeting, Washington DC
 2013 Evolution, Salt Lake City, UT

Invited speaker:

2007 Biology of Spermatozoa, Castleton, Derbyshire
 2009 ‘The Science of Sperm’, Royal Hallamshire Hospital, Sheffield
 2010 Brown University, Providence, RI, USA

Conference presentation:

2013 Evolution, Salt Lake City, UT: “*Use them or lose them: Sperm use and offspring production in Drosophila*”

Poster Presentations:

2005 Biology of Spermatozoa, Castleton, Derbyshire, UK
 2006 Spermadrid: International meeting on Spermatology, Madrid, Spain
 2007 10th Annual Biological Sciences Division Poster Day, Sheffield
Poster Prize Winner
 2011 Drosophila Meeting, San Diego, CA
 2013 Drosophila Meeting, Washington DC

Publications:

Mossman J.A., Pearson J*, Moore H.D.M. & Pacey A.A. (2013) Variation in mean human sperm length is linked with semen characteristics. *Human Reproduction* **28**: 22-32.

Mossman J.A., Slate J., Birkhead T.R., Moore H.D.M. & Pacey A.A. (2013) Sperm speed is associated with sex bias of siblings in a human population. *Asian Journal of Andrology* **15**: 152-154.

Mossman J.A., Slate J., Birkhead T.R., Moore H.D.M & Pacey A.A. (2012) Mitochondrial haplotype does not influence sperm motility in a UK population of men. *Human Reproduction* **27**:641-651.

Santure A.W., Gratten J, **Mossman J.A.**, Sheldon B.C. & Slate J (2011) Characterisation of the transcriptome of a wild great tit *Parus major* population by next generation sequencing. *BMC Genomics* **12**: 283.

Mossman J.A., Slate J. & Birkhead T.R. (2010) Mitochondrial haplotype does not affect sperm velocity in the zebra finch *Taeniopygia guttata*. *Journal of Evolutionary Biology* **23**: 422-432.

Mossman J.A., Slate J., Humphries S. & Birkhead T.R. (2009) Sperm morphology and velocity are genetically co-determined in the zebra finch. *Evolution* **63**: 2730-2737.

Hinten G.N., Hale M.C., Gratten J., **Mossman J.A.**, Lowder B.V., Mann M.K. & Slate J. (2007) SNP-SCALE: SNP scoring by colour and length exclusion. *Molecular Ecology Resources* **7**: 377-389.

Mossman J.A., Birkhead T.R. & Slate J. (2006) The whole mitochondrial genome sequence of the zebra finch (*Taeniopygia guttata*). *Molecular Ecology Resources* **6**: 1222-1227.

* Denotes undergraduate authorship