

Education

Ph.D. Department of Biological Sciences, Macquarie University. 2010 – 2015

“*Fighting strategies and mechanisms behind contest resolution in the jumping spider *Servaea incana**” Supervisor: A/Prof Phil Taylor

B.Sc. Department of Biological Sciences, Macquarie University. 2006 – 2009

With First Class Honours and a Vice-Chancellor’s Commendation for Academic Excellence.

Publications

- MCGINLEY, R.H., & Taylor, P.W. IN PRESS
Video playback experiments support a role for visual assessment of opponent size in male-male contests of *Servaea incana* jumping spiders. *Behavioral Ecology and Sociobiology*.
- Soley, F., MCGINLEY, R.H., Collins, S.R. & Taylor, P.W. IN PRESS
Natural history observations of a long-legged jumping spider, *Megaloastia mainae* (Araneae: Salticidae). *New Zealand Journal of Zoology*.
- MCGINLEY, R.H., Mendez, V. & Taylor, P.W. 2015
Natural history and display behaviour of *Servaea incana*, a common and widespread Australian jumping spider (Araneae, Salticidae). *Australian Journal of Zoology*, **63**, 300-319
- MCGINLEY, R.H., Prenter, J. & Taylor, P.W. 2015
Assessment strategies and decision-making in male-male contests of *Servaea incana* jumping spiders. *Animal Behaviour*, **101**, 89-95.
- MCGINLEY, R.H., Prenter, J. & Taylor, P. W. 2013
Whole-organism performance in a jumping spider, *Servaea incana* (Araneae: Salticidae): links with morphology and between performance traits. *Biological Journal of the Linnean Society*, **110**, 644-657.

Conference Presentations

- “Assessment strategies in jumping spider contests” **Oral Presentation**, 2015
Behaviour2015, Cairns, QLD, Australia.
- “Assessment strategies and decision-making in jumping spider contests” 2014
Oral Presentation, *Meeting of the Australasian Society for the Study of Animal Behaviour (ASSAB)*, Blue Mountains, NSW, Australia.
- “Biogenic amines as mediators of spider behaviour” **Poster**, 2013
Behaviour2013, NewcastleGateshead, UK.
- “Biogenic amines as mediators of spider behavior” **Oral Presentation**, 2013
Animal Behavior Society (ABS) Meeting, Boulder, Colorado, USA.

- “Using video playback to determine the role of visual opponent assessment in a jumping spider (Salticidae)” **Poster**, *ABS Meeting*, Boulder, Colorado, USA. 2013
- “Natural History & Phenology of *Servaea incana*” **Poster**, *ABS Meeting*, Boulder, Colorado, USA. 2013
- “Biogenic amines as mediators of spider behaviour” **Oral Presentation**, *Joint meeting of the Australian Entomological Society (AES) & the Australasian Arachnological Society (AAS)*, Hobart, Tasmania, Australia. 2012
- “Natural History & Phenology of *Servaea incana*” **Poster**, *AES & AAS*, Hobart, Tasmania, Australia. 2012
- “Using video playback to determine the role of visual opponent assessment in a jumping spider (Salticidae)” **Oral Presentation**, *ASSAB*, Geelong, Victoria, Australia. 2012
- “Assessing Assessment in Salticid Contests” **Oral Presentation**, *ASSAB*, Narrabri, NSW, Australia. Awarded Runner-Up Best Student Talk. 2010

Employment

- Endeavour Postdoctoral Research Fellow, School of Biological Sciences, University of Nebraska-Lincoln, Lincoln, Nebraska, USA. 2016
- Senior Research Officer. ARC Industrial Transformation Training Centre for Fruit Fly Biosecurity Innovation and Macquarie University Biosecurity Futures Research Centre. Department of Biological Sciences, Macquarie University, Sydney, Australia. 2015

Teaching Experience

- Guest Lecturer, BIOL260: *The Science of Sex*, Macquarie University 2015
- Unit Convenor, SCI140: *Introduction to Brain, Behaviour & Evolution*, Macquarie University (offered online via Open Universities Australia) 2015
- Tutor, BBE100: *Introduction to Brain, Behaviour & Evolution*, Macquarie University. 2015
- Tutor, SCI140: *Introduction to Brain, Behaviour & Evolution*, Macquarie University (offered online via Open Universities Australia) 2014
- Head Tutor, BBE100: *Introduction to Brain, Behaviour & Evolution*, Macquarie University. 2013
- Secondary Project Supervisor, BBE300: *Independent Research Project*, Macquarie University. 2012
- Tutor, BBE101: *Evolution & Human Behaviour*, Macquarie University. 2011

- Tutor, BBE100: *Introduction to Brain, Behaviour & Evolution*, Macquarie University. 2011

Additional Research Experience

- Field assistant; *Natural History and Behaviour of the Assassin Bug Stenolemus giraffa and the Jumping Spider, Megaloastia mainae*. MQ University, with Fernando Soley, Sam Collins & A/Prof Phil Taylor. Aug 2010 – Jun 2012
- Field assistant; *Behaviour and Ecology of the Feather-legged Assassin Bug, Ptilocnemus lemur*. MQ University, with Matthew Bulbert & Prof. Mariella Herberstein. Dec 2008 – Feb 2009
- Field assistant; *Mating Systems and Behaviour in Australian Brush-Turkeys, Alectura lathami*. MQ University, with David Wells & A/Prof Culum Brown. Nov 2007 – Jul 2008
- Laboratory Assistant; Australian Proteome Analysis Facility, MQ University, with Wai-Kei Shum & A/Prof Mark Molloy. Jan 2007 – Jul 2007
- Laboratory Assistant; Behavioural Ecology and Evolution of Fishes, MQ University with A/Prof Culum Brown. Dec 2006 – Jan 2007

Awards

- Endeavour Postdoctoral Research Fellowship 2016
- MQ University Post Graduate Research Fund Travel Grant 2013
- Australian Postgraduate Award PhD Scholarship 2010–2014
- Runner-Up Best Student Talk at ASSAB Conference 2010
- Brain Behaviour & Evolution Honours Scholarship, MQ University 2009
- Vice-Chancellor's Commendation for Academic Excellence, MQ University 2008
- Biology Summer Research Scholarship, MQ University 2007
- Biology Summer Research Scholarship, MQ University 2006
- Biology Summer Research Scholarship, MQ University 2005

Affiliations/Memberships

- Australasian Society for the Study of Animal Behaviour (ASSAB)
- Royal Zoological Society of New South Wales
- Golden Key International Honour Society