

Department of Anthropology
University of Wisconsin–Madison
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 Madison, WI 53706, United States

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My research combines behavioral, ecological, hormonal, and body temperature data to investigate individual, population and species differences in physiological competence, particularly in relation to the consequences of sociability. My primary research focuses on vervet monkeys and chacma baboons living in the Eastern Cape, South Africa. These are ideal model organisms for my research because they are obligatorily social, experience a wide temperature range in extreme environments, and manifest a range of specialized social and thermoregulatory adaptations.

BIOGRAPHY

2014 –	Assistant Professor (tenure-track)	Department of Anthropology, University of Wisconsin–Madison, US
2014 –	Senior Honorary Research Fellow	School of Physiology, University of the Witwatersrand, SA
2012 – 2014	Postdoctoral Research Fellow	School of Physiology, University of the Witwatersrand, SA
2011	Psychology, PhD	School of Psychology, University of Lincoln, UK
2007	Primateology, MRes	School of Anthropology, University of Roehampton, UK
2005	Biology, BSc	School of Biosciences, Cardiff University, UK

PUBLICATIONS

Journal Articles Under Review

1. McFarland R, Henzi P, Murphy D, Parker J, Lusseau D & Barrett L (under review). The strength of weak ties among female baboons: fitness-related benefits of social bonds.
2. Henzi SP, Barrett L, Young C, Fuller A, Hetem RS, Mitchell D, Maloney SK & McFarland R (under review) The effects of residency and social engagement on male vervet monkey thermoregulation during winter.
3. Young C, McFarland R, Barrett L & Henzi SP (under review) The power behind the throne: female influence and the rank trajectories of wild male vervet monkeys.
4. Balasubramaniam KN et al. (under review) Factors influencing macaque social networks: phylogeny, socioecology, and geographic niche conditions.

Journal Articles

1. McFarland R (2018) Grooming. In: *The International Encyclopedia of Biological Anthropology*, Wenda Trevathan (ed). John Wiley and Sons, Inc. (In press).
2. McFarland R, Henzi SP, Barrett L, Wanigaratne A, Coetzee E, Fuller A, Hetem RS, Mitchell D & Maloney SK (2016) Thermal consequences of increased pelt loft infer an additional utilitarian function for grooming. **American Journal of Primatology** 78: 456-461.

3. Lehmann J, Majolo B & McFarland R (2016) The effects of social network position on the survival of wild Barbary macaques, *Macaca sylvanus*. **Behavioral Ecology** 27: 20-28.
4. McFarland R, Fuller A, Hetem RS, Mitchell D, Maloney SK, Henzi SP & Barrett L (2015) Social integration confers thermal benefits in a gregarious primate. **Journal of Animal Ecology** 84: 871-878.
5. Lubbe A, Hetem RS, McFarland R, Barrett L, Henzi SP, Mitchell D, Meyer LCR, Maloney SK & Fuller A (2014) Thermoregulatory plasticity in free-ranging vervet monkeys, *Chlorocebus pygerythrus*. **Journal of Comparative Physiology B** 184(6): 799-809.
6. McFarland R, Barrett L, Boner R, Freeman NJ & Henzi SP (2014) Behavioral flexibility of vervet monkeys in response to climatic and social variability. **American Journal of Physical Anthropology** 154: 357-364.
7. McFarland R & Majolo B (2013) Coping with the cold: Predictors of survival in wild Barbary macaques, *Macaca sylvanus*. **Biology Letters** 9: 20130428.
8. McFarland R, MacLarnon A, Heistermann M & Semple S (2013) Physiological stress hormone levels and mating behaviour are negatively correlated in male rhesus macaques (*Macaca mulatta*). **Animal Biology** 63: 331-341.
9. Majolo B, McFarland R, Young C & Qarro M (2013) The effect of climatic factors on the activity budgets of a temperate primate, the Barbary macaque (*Macaca sylvanus*). **International Journal of Primatology** 34: 500-514.
10. McFarland R, Hetem R, Fuller A, Mitchell D, Henzi SP & Barrett L (2013) Assessing the reliability of bilogger techniques to measure activity in a free-ranging primate. **Animal Behaviour** 85: 861-866.
11. McFarland R, Roebuck H, Yan Y, Majolo B, Li W & Guo K (2013) Social interactions through the eyes of macaques and humans. **Plosone** 8(2): e56437.
12. McFarland R & Majolo B (2013) The importance of considering the behavioural form of reconciliation in studies of conflict resolution. **International Journal of Primatology** 34: 15-29.
13. McFarland R & Majolo B (2012) The occurrence and benefits of post-conflict bystander affiliation in wild Barbary macaques (*Macaca sylvanus*). **Animal Behaviour** 84: 583-591.
14. McFarland R & Majolo B (2011) Exploring the components, asymmetry and distribution of relationship quality in wild Barbary macaques (*Macaca sylvanus*). **Plosone** 6(12): e28826.
15. McFarland R & Majolo B (2011) Reconciliation and the costs of aggression in wild Barbary macaques (*Macaca sylvanus*): a test of the integrated hypothesis. **Ethology** 117: 928-937.
16. McFarland R & Majolo B (2011) Grooming coercion and the post-conflict trading of social services in wild Barbary macaques. **Plosone** 6(10): e26893.
17. Majolo B & McFarland R (2009) Self-suckling in Barbary macaque (*Macaca sylvanus*) mothers before and after the death of their infant. **American Journal of Physical Anthropology** 140: 381-383.

Conference Presentations

1. Dostie MJ, McFarland R, Bonnell TR, Young C, Stokes R, Barrett L & Henzi SP (2016) Spatial dynamics of intertroop encounters in vervet monkeys (*Chlorocebus pygerythrus*), Samara Game Reserve, South Africa. ASP/IPS, Chicago, US.
2. Young C, McFarland R, Barrett L & Henzi P (2016) Behind every successful male: Female influence on male dominance hierarchies in vervet monkeys. ASP/IPS, Chicago, US.
3. Hetem RS, McFarland R, Duncan Mitchell, Maloney SK, Henzi SP, Barrett L, Young C & Fuller A (2016) Male monkeys get kicked when they're down. SEB, Brighton, UK.
4. McFarland R, Henzi SP, Barrett L, Fuller A, Hetem RS, Mitchell D & Maloney SK (2016) Thermal benefits of grooming in primates. AAPA, Atlanta, US. **American Journal of Physical Anthropology**. Pending.
5. Young C, McFarland R, Barrett L & Henzi SP (2015) The power behind the throne: female influence on male dominance hierarchies in vervet monkeys. EFP, Rome, Italy. **Folia Primatologica** 86: 385.

6. Henzi SP, Barrett L, Fuller A, Hetem RS, Maloney SK, Mitchell D & McFarland R (2014) Friends with benefits: sociability confers thermal benefits in a gregarious primate. PPTR, Kruger National Park, South Africa.
7. Barrett L, McFarland R, Fuller A, Hetem RS, Mitchell D & Henzi SP (2014) Help me make it through the night: sociability confers thermal benefits in a gregarious primate. ISBE, New York, US.
8. McFarland R, Fuller A, Hetem RS, Mitchell D, Henzi SP & Barrett L (2014) Behavioural and physiological flexibility in vervet monkeys: potential adaptive responses to changing climates. AAPA, Calgary, Canada. **American Journal of Physical Anthropology** 153: 181.
9. Fuller A, Lubbe A, McFarland R, Mitchell D, Barrett L, Henzi SP & Hetem R (2013) Heterothermy in free-living vervet monkeys as an index of environmental stress. IUPS, Birmingham, UK.
10. Coetzee EM, McFarland R & Henzi SP (2013) Spectral reflectance measurements on vervet monkey pelts. CNAM, Paris, France.
11. Lubbe A, Hetem RS, McFarland R, Barrett L, Henzi SP, Fuller A & Mitchell D (2012) Changes in the body temperature rhythms of vervet monkeys (*Chlorocebus pygerythrus*) in the Karoo provide an indicator of environmental stress. SAWMA, Bela-Bela, South Africa.
12. McFarland R & Majolo B (2011) The function of bystander affiliation in wild Barbary macaques (*Macaca sylvanus*). EFP, Almada, Portugal. **Folia Primatologica** 82: 330.
13. McFarland R & Majolo B (2011) Repairing relations or reaping rewards? The differential benefits of reconciliation in wild Barbary macaques (*Macaca sylvanus*). PSGB, Liverpool, UK. **Primate Eye** 104: 16.
14. McFarland R & Majolo B (2010) Social Relationships and conflict management in wild Barbary macaques (*Macaca sylvanus*). NEPG, Manchester, UK.
15. McFarland R, MacLarnon A & Semple S (2007) Stress and sociality in male rhesus macaques (*Macaca mulatta*). PSGB, London, UK. **Primate Eye** 98: 18.

Select Media

- Science (2016) A surprising side effect of monkey grooming.
- BBC Discover Wildlife (2015) Monkeys get by with help from their friends.
- National Geographic (2015) Monkeys with better social networks stay warmer in the winter.
- Nature + Scientific American (2013) Buddies help monkeys survive tough times.
- BBC Earth News (2009) Grieving monkeys drink own milk.

GRANTS AWARDED*

		\$
2015	Domestic Conference Travel Grant, WARF, UW-Madison	1, 000
2015	University Lectures Knapp Fund, UW-Madison	1, 440
2015	Instructional Laboratory Modernisation Grant, L&S, UW-Madison	65, 500
2014 – 2017	Research Grant, SA National Research Foundation (PI: Henzi)	150, 000
2014	Conference Grant, Claude-Leon Foundation	1, 800
2013 – 2014	Postdoctoral Fellowship, Claude-Leon Foundation	50, 000
2013 – 2014	Research Grant, ASAB	5, 000
2012 – 2014	Faculty Research Grants, University of the Witwatersrand	7, 400
2012	Postdoctoral Fellowship, University of the Witwatersrand	26, 000
2010	Faculty Research Grant, University of Lincoln	4, 000
2007 – 2010	PhD Studentship, University of Lincoln	65, 000
2007	Small Research Grant, PSGB	700

*All as PI unless otherwise stated.

STUDENT GRANTS AWARDED

2016 Hardie A, Foreign Language & Area Studies Fellowship, UW-Madison
2015 Hardie A, Nave Summer Fieldwork Grant, LACIS, UW-Madison

REVIEWER

Journals American Journal of Primatology, American Journal of Physical Anthropology; Animal Behaviour; Behavioral Ecology, Behavioral Ecology and Sociobiology, Behaviour, Behavioural Processes, Biology Letters, Canadian Journal of Zoology, Ethology, General and Comparative Endocrinology, Integrative Zoology, International Journal of Primatology, Journal of Applied Animal Welfare Science, Journal of Thermal Biology, Plosone, Primates, Psychoneuroendocrinology.

Grant Agency National Research Foundation (South Africa)

TEACHING & SUPERVISION

Courses Taught

Anthro 100 General Anthropology (Biological Section)
Anthro 105 Principles of Biological Anthropology
Anthro 490 Statistics in Anthropology
Anthro 490 Introduction to Primatological Research
Anthro 691 Senior Thesis
Anthro 699 Directed Study

Supervised/Co-supervised Students and Postdocs

2014 – Young C, Postdoc, University of South Africa
2016 Greinwald E, Honors, UW-Madison
2013 Wanigaratne A, BSc Physiology, University of Western Australia
2013 Lubbe A, MSc Physiology, University of the Witwatersrand

Student Committee Member

2014 – Hardie A, PhD Anthropology, UW-Madison
2014 – Dinsmore M, PhD Environmental Studies, UW-Madison
2016 Filla C, MSc Anthropology, UW-Madison
2014 Josephs N, MSc Psychology, University of Lethbridge
2014 Boone P, MSc Anthropology, UW-Madison
2014 Lucas M, MSc Psychology, University of Lethbridge

Student External Examiner

2014 Dostie M, MSc Geography, University of Lethbridge

UNIVERSITY SERVICE

Committee Assignments

2016 – 2017 Awards & Admissions; Curriculum, TA Policies & Procedures; Events; Lectures & Colloquium; Named Senate Alternative
2015 – 2016 Awards & Admissions
2014 – 2015 Secretary of the Faculty

PROFESSIONAL MEMBERSHIPS*

American Association of Physical Anthropologists*

American Society of Primatologists

Association for the Study of Animal Behaviour

International Primatological Society*

* Current September 2016

Curriculum Vitae. Peter John Evans, MD, PhD, FRCS(C). March 4, 2013 Table of Contents DEMOGRAPHIC INFORMATION .Â 66.
â€œMicro-engineering of Cartilage Tissue Scaffoldsâ€, Petersen, EF, Wenz, JF, Evans, PJ, McFarland, EW, Spencer, RGS. Advances in Tissue and Genetic Engineering for the Treatment of Arthritic Diseases, Boston, MA, 2000. 67.
â€œMicro-engineering of Cartilage Tissue Scaffoldsâ€, Petersen, EF, Wenz, JF, Evans, PJ, McFarland, EW, Spencer, RGS.Â 3. Smith & Nephew Richards Educational Grant, 1990
Âf North American Resident's Competition, First Prize
Âf Title: Selective Reinnervation: A Comparison of Microsuture and Conduit Nerve Repair
Âf Amount: US \$ 2,000. PJ Evans - 27. A curriculum vitae (CV), Latin for
â€œcourse of life,â€ is a detailed professional document highlighting a personâ€™s education, experience and accomplishments. A CV may also include professional references, as well as coursework, fieldwork, hobbies and interests relevant to your profession. You might also choose to add a personal profile that lists your skills and positive attributes to ensure employers have a well-rounded view of your personality and achievements. CV vs. Resume. In the U.S., employers in certain industries may require a CV as part of your job application instead of a resume such as academia, education, science and research. Guide to RÃ©sumÃ©s & Curricula Vitae. DISCLAIMER This guide is to be used as a general overview and cannot take each readerâ€™s own unique experiences into account. It is intended to be used as a starting point for more in-depth discussions with mentors, career counselors, and others in your network. Please bear in mind that, in actuality, there are very few rules and many different opinions regarding CVs and rÃ©sumÃ©s.Â Whatâ€™s the Difference Between a Curriculum Vitae (CV) and a RÃ©sumÃ©? In the United States, a rÃ©sumÃ© is a snapshot of what you have to offer an organization or company; in contrast, a CV is a document that details your entire academic and work history. Both are used as the first step in obtaining an interview. Curriculum Vitae Edward G. McFarland, M.D. DEMOGRAPHIC INFORMATION. Current Appointments: Edward G. McFarland, M.D. The Wayne H Lewis Professor of Orthopaedic and Shoulder Surgery Co-Director Division of Shoulder Surgery The Johns Hopkins University, School of Medicine Baltimore, MD. Clinical Director of Orthopaedic Services The Johns Hopkins University at Green Spring Station Lutherville, MD.Â 2. McFarland EG, Indelicato PI:
â€œThe Development of Anterior Cruciate Ligament Prostheses: Implication for Treatment of Sports People.â€ Sports Medicine, 10:405-413, 1990. 3. McFarland EG, Lewallen DG, Cabanela ME:
â€œUse of Bipolar Endoprosthesis Combined with Bone Grafting for Acetabular Reconstruction.â€