

Curriculum Vitae

Miguel dos Santos

Department of Social Psychology and Social Neuroscience
Institute of Psychology, University of Bern
Fabrikstrasse 8, 3012 Bern, Switzerland.
Phone: +41 31 631 47 32
E-mail: miguel.dossantos@psy.unibe.ch

Personal details

Date and place of birth: 23.10.1984, Lausanne
Nationality: Swiss
Civil status: Single, 2 sons
Languages: French (mother tongue), English (fluent), German (scholar),

Current position

01.10.2018 – present Postdoctoral fellow
Group Prof. Daria Knoch, Dept. of Social Psychology and Social Neuroscience,
University of Bern

Previous positions

01.05.2015 – 31.08.2018 Postdoctoral fellow
Group Prof. Stu West, Dept. of Zoology, University of Oxford

01.10.2013 – 30.09.2014 Postdoctoral fellow
Group Prof. Claus Wedekind, Dept. of Ecology and Evolution, University of
Lausanne

01.01.2010 – 30.09.2014 Teaching assistant
Faculty of Biology and Medicine, University of Lausanne

01.04.2009 – 31.12.2009 Research assistant
Group Prof. Andreas Wagner, Biochemistry Institute, University of Zurich
Supervisor: Dr. Daniel J. Rankin

Education

01.01.2010 – 30.09.2013 Ph. D. in Life Sciences
Group Prof. Claus Wedekind, Dept. of Ecology and Evolution, University of
Lausanne

2007 – 2009 Master of Science in Biology, Evolution & Conservation
Dept. of Ecology and Evolution, University of Lausanne

2003 – 2007 Bachelor of Science in Biology
Faculty of Biology and Medicine, University of Lausanne

Grants

- 01.04.2017 John Fell Fund small grant (7.5k £)
- 01.11.2016 – 30.04.2018 Advanced postdoc mobility grant (120k CHF)
Swiss National Science Foundation
- 01.05.2015 – 31.10.2016 Early postdoc mobility grant (110k CHF)
Swiss National Science Foundation

Awards

- 01.03.2009 Faculty Prize
For the excellence of the Master Thesis, Faculty of Biology and Medicine,
University of Lausanne

Supervisions

- 01.05.2015 – 31.07.2015 Asher Leeks (undergraduate student, 2nd year)
Group Prof. Stu West, University of Oxford. Scored 93%.
- 15.11.2010 – 14.04.2011 Francois Nyffeler (biologist trainee)
Group Prof. Claus Wedekind, Dept. of Ecology and Evolution, University of
Lausanne
- 01.03.2011 – 01.03.2012 Sarah Placi (master student)
Group Prof. Claus Wedekind, Dept. of Ecology and Evolution, University of
Lausanne

Academic activities

- 03.11.2016 – 04.11.2016 Organizing committee of the Major Transitions Workshop,
Magdalen College, University of Oxford
- 15.10.2014 – 16.10.2014 Member of the postdoctoral interview panel for the Director of
Behavioral Economics and Evolution master program,
Faculty of Biology and Medicine, University of Lausanne
- 14.01.2014 – 28.01.2014 Examiner for master theses
Faculty of Biology and Medicine, University of Lausanne
- 21.01.2014 Assistant examiner for bachelor exams,
Faculty of Biology and Medicine, University of Lausanne

Reviewing activities

Animal Behavior, Biology Letters, Cognition & Emotion, Evolution, Games, Journal of Experimental Psychology, Journal of Theoretical Biology, Nature Communications, Philosophy of Science, PLOS One, Proceedings of the Royal Society B, Scientific Reports, Theoretical Population Biology, Trends in Ecology and Evolution

List of publications

1. **dos Santos M**, Ghoul M & West S (In press) Pleiotropy, cooperation and the social evolution of genetic architecture. *PLOS Biology*.
2. **dos Santos M** & West S (2018) The coevolution of cooperation and cognition in humans. *Proceedings of the Royal Society B: Biological Sciences* 285:20180723.
3. **dos Santos M*** & Peña J* (2017) Antisocial rewarding in structured populations. *Scientific Reports* 7: 6212. *equal contribution
4. **dos Santos M** (2015) The evolution of anti-social rewarding and its countermeasures in public goods games. *Proceedings of the Royal Society B: Biological Sciences* 282: 20141994.
5. **dos Santos M**, Placi S & Wedekind C (2015) Stochasticity in economic losses increases the value of reputation in indirect reciprocity. *Scientific Reports* 5: 18182.
6. **dos Santos M**, Wedekind C (2014) Reputation based on punishment rather than generosity allows for evolution of cooperation in sizable groups. *Evolution and Human Behavior* 36, 59-64.
7. **dos Santos M**, Braithwaite V.A., Wedekind C (2014) Exposure to superfluous information decreases cooperation and increases antisocial punishment in reputation-based interactions. *Frontiers in Ecology and Evolution* 2:41.
8. **dos Santos M**, Rankin DJ, Wedekind C (2013) Human cooperation based on punishment reputation. *Evolution* 67, 2446-2450.
9. **dos Santos M**, Rodrigues JFM, Wedekind C, Rankin DJ (2012) The establishment of communication systems depends on the scale of competition. *Evolution and Human Behavior* 33, 242-250.
10. **dos Santos M**, Wedekind C (2012) Examining punishment at different explanatory levels. *Behavioral and Brain Sciences* 35, 23-24.
11. **dos Santos M***, Rankin DJ*, Wedekind C (2011) The evolution of punishment through reputation. *Proceedings of the Royal Society B: Biological Sciences* 278, 371-377. *equal contribution
12. Rankin DJ, **dos Santos M**, Wedekind C (2009) The evolutionary significance of costly punishment still to be demonstrated. *Proceedings of the National Academy of Sciences USA* 106, E135-E136.

Book chapters

1. Burton-Chellew M, Kacelnik A, Arbilly M, **dos Santos M**, Mathot K, McNamara J, Mengel F, van der Weele J & Vollen B (2017) *The ecological and economic conditions of exploitation strategies*. In *Investors and Exploiters in Ecology and Economics: Principles and Applications*, ed. LA Giraldeau, P Heeb, and M Kosfeld. Strüngmann Forum Reports, vol. 21, J Lupp, series editor. Cambridge, MA: MIT Press.