

# 25-27 March 2010 EHBEA CONFERENCE



Hosted by Boguslaw Pawlowski at the University of Wroclaw and Polish Academy of Sciences

## Wednesday the 24th March

16.00-20.00 Registration

## Thursday the 25th March

08.15-15.00 Registration (poster boards available)

### Opening

Aula Leopoldinum

*Chair: Rebecca Sear*

09.00-09.30 Opening Ceremony

**09.30-10.30** **PLENARY.** The importance of attending to phylogenetic derivation in the study of the mind or why emotions are kludgy (and thus, incest is toxic).  
Daniel Fessler

**10.30-10.55** **Best Abstract.** The health of a nation predicts their mate preferences. Cross-cultural variation in women's preferences for masculine men.  
Lisa DeBruine, Benedict Jones, John Crawford, Lisa Welling, Anthony Little

10.55-11.30 Coffee

### Session A. Cooperation I

Room D1

*Chair: Tom Dickins*

**11.30-11.55** Cooperation and communication. How much can cheap talk do?  
John Lazarus, Jonathan Sayers, Peter Andras, Gilbert Roberts

**11.55-12.20** Are patient people really more cooperative? Contrasting results from Northern-Central and Southern Vietnam  
Stephen Le

**12.20-12.45** Unconditional cooperation driven by reputation-based partner choice.  
Gilbert Roberts

**12.45-13.10** Social status influences social cooperation. A cross-cultural replication and real world validation.  
Laurence Fiddick, Nicole Erlich, Maria Janicki, Sean Lee

13.10-14.40 Lunch & Posters

The Law Faculty Building

## Session B. Cooperation II

Room D1

*Chair: Ruth Mace*

**14.40-15.40** **PLENARY. The helper conflict-How cooperative breeding might have paved an evolutionary route to conscientiousness and human morals.**

**Eckart Voland**

15.40-16.05 The evolution of cooperative breeding in a great ape.

Lesley Newson, Adrian Bell, Peter Richerson

16.05-16.30 Demography and ecology drive variation in cooperation across human populations.

Shakti Lamba, Ruth Mace

16.30-17.00 Coffee

## Session C1. Cultural Evolution I

Room D1

*Chair: Jeremy Kendal*

17.00-17.25 Why is cumulative culture only seen in humans?

Lewis G. Dean, Rachel L. Kendal, Kevin N. Laland

17.25-17.50 The prehistory of Little Red Riding Hood. a case study in folktale phylogenetics.

Jamie Tehrani

17.50-18.15 Language shift and the future of Britain's Celtic languages.

Anne Kandler

## Session C2. Life history strategies, fertility and survival

Room D2

*Chair: Virpi Lummaa*

17.00-17.25 The influence of relatives on the timing of first birth. evidence from a low fertility population.

Paul Mathews & Rebecca Sear

17.25-17.50 Life histories of secondborns. Costs of elder sibling's sex and survival?

Charlotte Störmer

17.50-18.15 Relaxed sexual selection in enforced monogamy.

Jenni Pettay, Markus Jokela, Anna Rotkirch, Virpi Lummaa

18.15-19.15 Poster Session

19.30-21.00 Wine Reception

Oratorium Marianum

## Friday the 26th March

### Session D. Cultural Evolution II

Room D1

*Chair: John Lazarus*

**09.00-10.00** **PLENARY. Human wealth inequality – a long-term perspective.**

**Stephen Shennan**

10.00-10.25 Social enhancement can create adaptive, arbitrary and maladaptive cultural traditions.

Mathias Franz, Luke J. Matthews

10.25-10.50 The evolution of social learning. individual variation and frequency-dependent rules.  
Jeremy Kendal, Luc-Alain Giraldeau, Kevin Laland

10.50-11.20 Coffee

### Session E. Reproduction, fertility and fitness

Room D1

*Chairs: Rebecca Sear & Anna Ziomkiewicz-Wichary*

11.20-11.45 The impact of kin on female fertility. a systematic review.  
Rebecca Sear & Paul Matthews

11.45-12.10 Reproductive conflict between generations in humans.  
Mirkka Lahdenperä, Duncan Gillespie, Andrew Russell, Virpi Lummaa

12.10-12.35 Cultural transmission of fitness.  
Evelyne Heyer, Michela Léonardi, Frederic Austerlitz

12.35-13.00 Birth month effects on human reproduction. analyses from different countries.  
Susanne Huber & Martin Fieder

13.00-14.30 Lunch

### Session F. Reciprocity and social strategies

Room D1

*Chair: Kevin Laland*

**14.30-15.30 PLENARY. The evolutionary foundations of strong reciprocity: An empirical test.**  
Ernst Fehr

15.30-15.55 Machiavellian decision-making strategies and their effectiveness in the Public Goods game.  
Tünde Paál & Tamás Bereczkei

15.55-16.20 How to make climate conferences a success. Making full contributions to a public goods game a rational strategy.  
Ulrich Frey

16.20-16.50 Coffee

### Session G1. Behavioural adaptations

Room D1

*Chairs: Anthony Little & Monika Krzyzanowska*

16.50-17.20 Variability selection and hominin behavioural plasticity.  
Matt Grove

17.20-17.55 Human ability to detect kinship in strangers' faces.  
Gwenaël Kaminski, Fabien Ravary, Karine Mazens, Christian Graff Edouard Gentaz

17.55-18.20 Time awake influences disgust sensitivity. support for the compensatory behavioral prophylaxis hypothesis.  
Diana S. Fleischman, Micheal DeBarra, Daniel M. T. Fessler, Valerie Curtis, Robert Aunger

18.20-18.45 Phylogenetic methods reveal regular sequence in the evolution of political organization.  
Thomas Currie, Simon Greenhill, Russel Gray, Toshi Hasegawa, Ruth Mace

Chair: Anna Rotkirch

- 16.50-17.20 Dyadic, autosexual and extra-pair sexual behavior of coupled women under the influence of oral hormonal contraception.  
Kateřina Klapilová, Aleš Kuběna, Petr Weiss, Jan Havlíček
- 17.20-17.55 Sexual strategy and woman's prenatal investment allocated into progeny – testing "hunting for good genes" hypothesis.  
Boguslaw Pawlowski & Agnieszka Zelazniewicz
- 17.55-18.20 Preference for human male body hair changes across the menstrual cycle and menopause.  
Markus J Rantala, Mari Pölkki, Liisa M Rantala
- 18.45-20.15 Poster Session & Wine



## Saturday the 27th March

Session H. Non-human primates behaviour – implications for human evolution

Room D1

Chairs: Michel Raymond & Slawomir Koziel

- 09.00-10.00 **PLENARY. Evolving patience.**  
Joseph Call
- 10.00-10.25 Facial cues of dominance modulate reflexive gaze-following in human observers.  
Benedict C Jones, Lisa M DeBruine, Julie C Main, Anthony C Little, Lisa LM Welling, David R Feinberg, Bernard Tiddeman
- 10.25-10.50 Social implications of copulation calls in bonobos, *Pan paniscus*.  
Zanna Clay & Klaus Zuberbuhler
- 10.50-11.20 Tea & Coffee

## Session I. Facial cues, hormones and personality

Room D1

Chair: Lisa DeBruine

- 11.20-11.45 Facial attractiveness signals the strength of immune function in men.  
Indrikis Krams, Markus J. Rantala, Tatjana Krama
- 11.45-12.10 A test of the stress-linked immunocompetence handicap hypothesis in human faces.  
Fhionna Moore, David Perret
- 12.10-12.35 Social dominance and sex steroid hormone levels in women.  
Anna Ziomkiewicz, Aleksandra Gomola, Boguslaw Pawlowski
- 12.35-13.00 Robust male skull shape is associated with untrustworthiness.  
Michael Stirrat, Davis Buls and David Perrett
- 13.00-14.30 Lunch

## Session J. Human parental investment

Room D1

Chair: David Lawson

- 14.30-15.30 **PLENARY. Variation in human paternal care-ultimate and proximate factors.**  
**Alexandra Alvergne [New Investigator Award Winner]**
- 15.30-15.55 Surviving early parental loss and the consequences of remarriage.  
Kai P. Willführ & Alain Gagnon
- 15.55-16.20 Differential parental investment in school contexts.  
Annette Scheunpflug
- 16.20-16.50 Tea & Coffee

## Session K1. Sexual selection in humans

Room D1

Chair: Boguslaw Pawlowski

- 16.50-17.20 Sexual selection and human stature: homogamy as a unified framework for understanding mating preferences.  
Alex Courtiol
- 17.20-17.55 Intralocus sexual conflict over human height.  
Gert Stulp, Simon Verhulst, Thomas V. Pollet, Abraham P. Buunk
- 17.55-18.20 The iron grip of sexual selection. Grip strength is positively associated with male but not with female reproductive success.  
Thomas Pollet

## Session K2. Memory and cooperation

Room D2

Chair: Gilbert Roberts

- 16.50-17.20 Memory interference constrains the evolution of cooperation.  
Jeffrey R. Stevens, Jenny Volstorf, Lael J. Schooler, Joerg Rieskamp
- 17.20-17.55 The good, the bad, and the rare. Memory focus on cooperators or defectors?  
Jenny Volstorf, Jörg Rieskamp, Jeffrey R. Stevens
- 17.55-18.20 The efficiency losses of cognitive limitations in reidentification  
Michele Belot
- 18.24-18.40 Closing word & Poster Award
- 18.45-19.30 EHBEA AGM
- 20.15 Conference Dinner