

scientific meetings



AT THE ZOOLOGICAL SOCIETY OF LONDON

13 January 2009 at 6.00pm | www.zsl.org/science/scientific-meetings/ | Admission free

ENVIRONMENTAL INFLUENCES ON DEVELOPMENT

Individuals with exactly the same genes can develop in dramatically different ways depending on experience in early life. Some adverse conditions can disrupt developmental processes without necessarily leading to death. Other differences between individuals within a species are highly adaptive so long as the conditions of early life successfully predict the environment in which the individual will eventually live.

This meeting will focus on the different effects of early experience in animals and on what can go wrong when the 'weather forecast' in early life turns out to be incorrect. In humans, the consequences for adult health of a mismatch between adult characteristics and the environment can be very severe, particularly in rapidly developing countries.

We will also explore how sexual development and patterns of reproduction can be greatly affected by what happens during early development.

The different effects of early experience on development

Professor Sir Patrick Bateson FRS, *University of Cambridge*

Parental influences on offspring growth and survival in the seahorse

Hippocampus kuda

Professor Bill Holt, *Institute of Zoology, ZSL*

Developmental plasticity and risk of chronic disease

Professor Mark Hanson, *University of Southampton*

Early life experience and reproductive timing in humans

Dr Daniel Nettle, *Newcastle University*

*Organised by Professor Sir Patrick Bateson FRS,
University of Cambridge & President, ZSL and
Professor Bill Holt, Institute of Zoology, ZSL*



LIVING CONSERVATION

ENVIRONMENTAL INFLUENCES ON DEVELOPMENT

13 January 2009 at 6.00pm in the Meeting Rooms, Zoological Society of London, Regent's Park (Outer Circle), London NW1 4RY. For more information, please contact Joy Hayward: **Tel:** 020 7449 6227 **Email** joy.hayward@zsl.org

3-COURSE DINNER WITH THE SPEAKERS

A dinner will follow this Scientific Meeting and everyone is welcome. Tickets cost £34 per person including two glasses of wine and need to be booked in advance. To reserve a place please complete and return the booking form by 5pm on Wednesday 7 January.

ZSL 3-Course Dinner with the Speakers

If you would like to attend the 3-course meal please complete and post this slip, together with your cheque payable to the **Zoological Society of London** for the cost of the supper – £34 per person – to reach this office by 5pm Wednesday 7 January at the latest. We regret that bookings can only be taken after this if there has been a cancellation from a guest.

Please print clearly the names of those attending the 13 January dinner:

Please indicate if you have special dietary requirements, including vegetarian.

Contact telephone or email: _____

I enclose a cheque payable to the **Zoological Society of London** for £ _____

Please post to: Joy Hayward, Scientific Meetings Coordinator,
Zoological Society of London, Regent's Park, London NW1 4RY.

Food is ordered in advance for exact numbers;
last-minute cancellations cannot be refunded

