

**Thursday 02 October**

## Aarhus Lectures in Biology



### MAJOR THEMES IN EVOLUTIONARY MEDICINE

**Professor Dr. Steve Stearns**

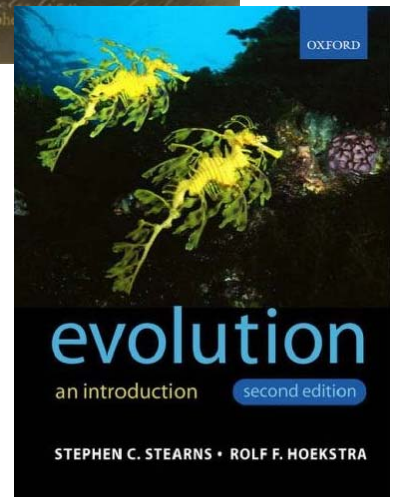
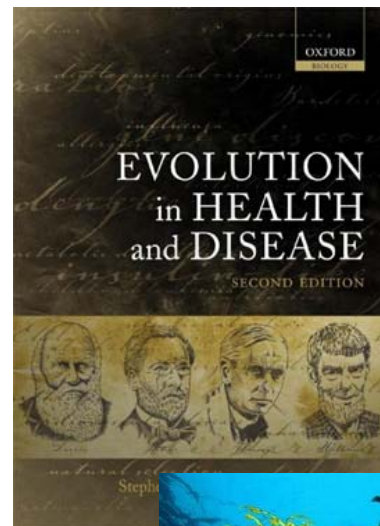
Edward P. Bass Professor of Ecology and Evolutionary  
Biology  
Yale University, New Haven

#### ABSTRACT

The talk emphasizes evolutionary insights into processes that have significant impacts on health and disease. Such processes fall into three large categories: mismatches to modernity, pathogen evolution, and evolutionary conflicts of interest among relatives. The conditions on which evolutionary thought sheds new light include obesity, diabetes, cardiovascular disease, asthma, allergies, other autoimmune diseases, antibiotic resistance, virulence, conditions of pregnancy including pre-eclampsia and maternal diabetes, multiple spontaneous abortions, mate selection, and mental disease. Evidence for and against evolutionary hypotheses will be critically evaluated, and areas needing further research will be mentioned.

Homepage

[www.eeb.yale.edu/stearns](http://www.eeb.yale.edu/stearns)



#### Venue

The Lakeside Lecture Theatres,  
**Lecture Theatre 2**

#### Program

14:15 Welcome

14:20 Professor Steve Stearns



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