



Equity and the 4th Trimester

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SCHOOL OF MEDICINE
Obstetrics and Gynecology

Objectives

- Discuss the developmental and evolutionary rationale for the “4th Trimester”
- Review the prevalence of unmet maternal health needs
- Describe how structural racism and implicit bias contribute to disparities in 4th Trimester health
- Discuss recommendations to improve support



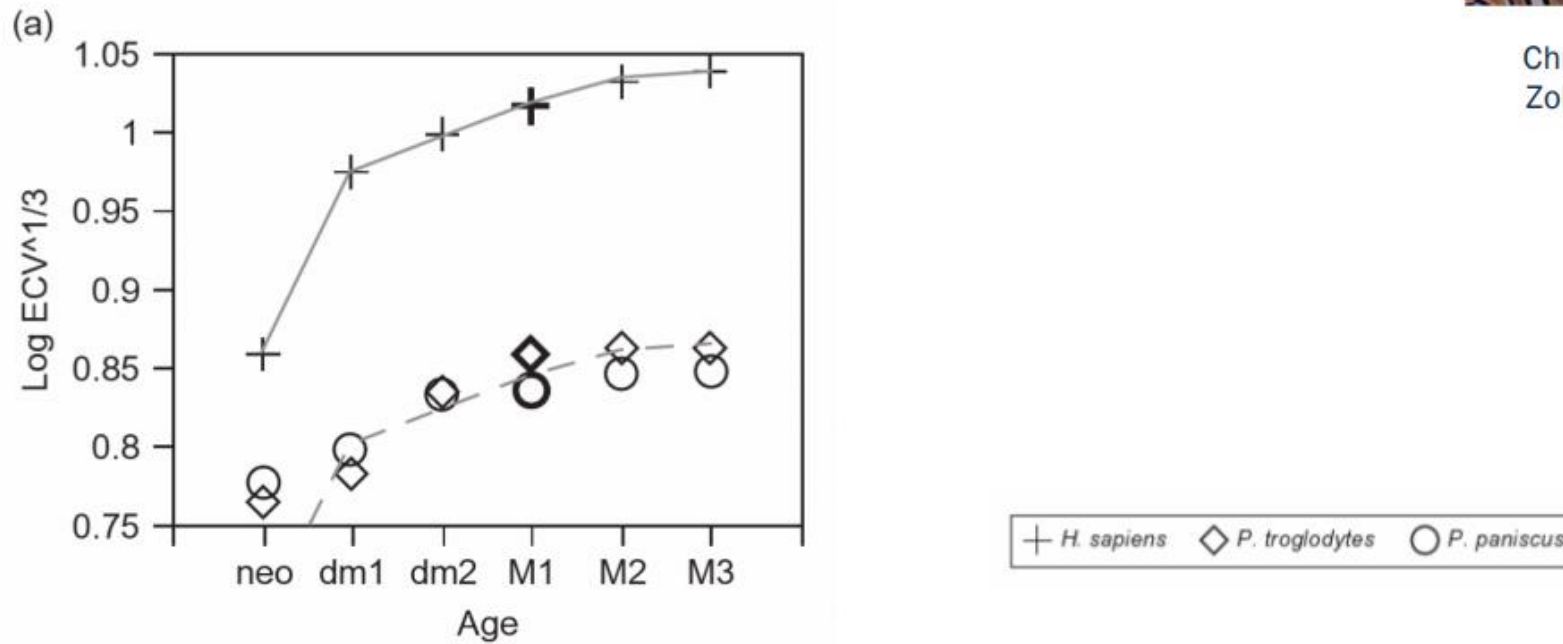


Why the 4th trimester? Evolution and Expectation

Human brain growth



Christoph
Zollikofer



<http://www.ncbi.nlm.nih.gov/pubmed/22230632>



Costly and Cute

HELPLESS INFANTS AND
HUMAN EVOLUTION

Edited by Wenda R. Trevathan and Karen R. Rosenberg

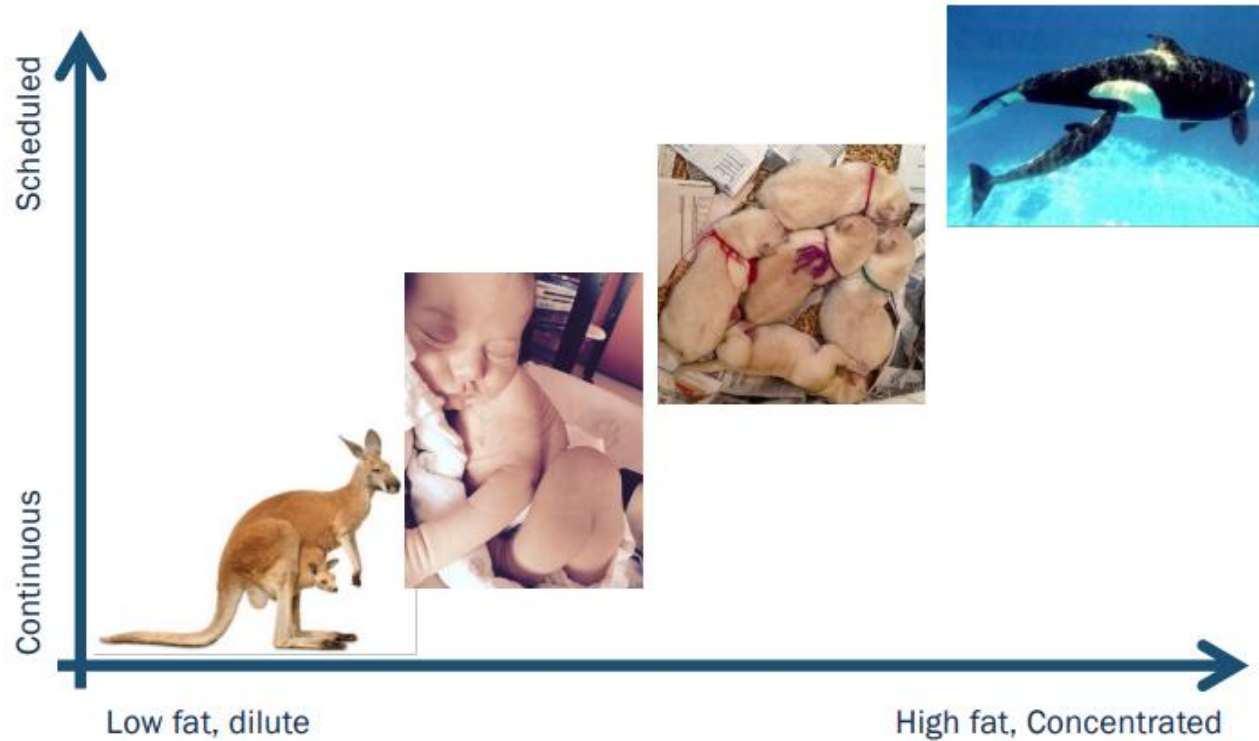


SCHOOL FOR ADVANCED RESEARCH ADVANCED SEMINAR SERIES



...there are advantages to having growth occur in the **stimulating environment of the outside world** and a dense social network.

Milk composition & feeding patterns



Shad DMB (1963). "THE COMPOSITION OF THE MILK OF WILD ANIMALS." *International Zoo Yearbook* 4(1): 333-333.





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At some stage, infant carriage in humans must have **undergone modification of some kind**, due to the combined effect of extensive reduction of body hair and suppression of the grasping ability of the foot.



“

There is a fourth trimester to pregnancy, and we neglect it at our peril.

