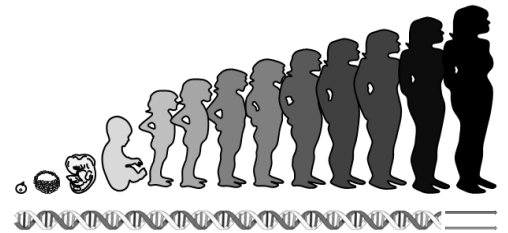


***EVOLUTIONARY ASPECTS OF
CHILD DEVELOPMENT AND HEALTH***
3-5 JUNE 2014, HARBOUR CENTRE
SIMON FRASER UNIVERSITY, VANCOUVER, CANADA



The risk of adult heart disease, cancer, and a broad swath of other negative health outcomes may result from exposures during fetal and infant development. Why and how? The field of Developmental Origins of Health and Disease (DOHaD) focuses on connections between adult health outcomes and exposures to social and physical challenges experienced during early life. Some of those links may have originally emerged as evolutionary adaptations. Yet, some of them may become harmful when expressed in environments that differ from those in which the link originally evolved. How should practitioners deal with the resulting biological traits? How can we integrate our understanding of a trait's evolutionary origin, the roles of the environment, genetics, and epigenetics in ontogeny, and the biological mechanisms that mediate phenotypic expression, to improve developmental outcomes? Obtaining answers requires integration and collaboration across diverse fields including evolution, ecology, child development, and medicine. This integration is paramount to the creation of novel programs that optimize human development in a variety of socio-economic environments, interventions that prevent undesired outcomes, and treatments to ameliorate the effects of early exposures when prevention is not possible. Towards these aims, this workshop brings together world-renowned experts and trainees studying development from a broad variety of perspectives.

Invited Speakers:

Professor Sir Peter Gluckman, *University of Auckland*
Dr. Michael Meaney, *McGill University*
Dr. Stephen Stearns, *Yale University*
Dr. Peter Ellison, *Harvard University*
Dr. Randolph Nesse, *Arizona State University*
Dr. John Challis, *University of Western Australia*
Dr. Bernard Crespi, *Simon Fraser University*
Dr. Joanne Weinberg, *University of British Columbia*
Dr. Marla Sokolowski, *University of Toronto*
Dr. Stephen Matthews, *University of Toronto*
Dr. Thomas McDade, *Northwestern University*
Dr. Ronald Barr, *University of British Columbia*
Dr. Christopher Kuzawa, *Northwestern University*
Dr. Pablo Nepomnaschy, *Simon Fraser University*

Evening Public Lecture Wednesday, 4 June 2014, by Professor Sir Peter Gluckman, *Chief Science Advisor to the New Zealand Prime Minister, University of Auckland*

Organizers: Drs. Bernie Crespi, John Challis and Pablo Nepomnaschy

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