PHD OPPORTUNITY in HPA-STRESS PROGRAMMING & EVOLUTION, SIMON FRASER UNIVERSITY

GOAL: We are seeking to recruit a graduate student interested in pursuing a PhD on the early development of the hypothalamic-pituitary-adrenal ("stress") axis.

PROJECT: The stress axis plays a critical role in determining an individual’s ability to cope with challenges throughout the lifetime. However, the extent to which stress axis function is ‘calibrated’ by prenatal stress at different gestational stages is unclear. This project involves the use of a unique longitudinal data set to explore the impact of stress experienced during the first six weeks of gestation on post-natal stress response in later life.

QUALIFICATIONS: We are seeking an individual with:
- Excellent academic record
- Background in evolutionary biology, physiology, genetics and/or epigenetics
- An evident commitment and passion for science

START: ideally, September 2011

WE OFFER: annual stipend, research funds, training at the interface of evolutionary biology with physiology, development, genetics and epigenetics, innovative intellectual environment

LOCATION: Human Evolutionary Studies Program, Faculty of Health Sciences and Dept. of Biology, Simon Fraser University, Burnaby, BC, Canada.

PIs AND WEBSITES: Dr. Pablo A. Nepomnaschy and Dr. Bernard Crespi
Dr. Pablo A. Nepomnaschy: http://www.sfu.ca/~pan2/Home.html
Dr. Bernard Crespi: http://www.sfu.ca/biology/faculty/crespi/lab.html

APPLICATION: Please send a letter of intent and a CV to Katrina Salvante <kgsalvan@sfu.ca>