

CURRICULUM VITAE

PABLO ANDRES NEPOMNASCHY, PHD

CONTACT INFORMATION

Faculty of Health Sciences
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CURRENT POSITIONS

- 2008 – present **Faculty of Health Sciences, Simon Fraser University**
Burnaby, British Columbia, Canada
- 2012 – present Associate Professor
Director of the “Maternal and Child Health Laboratory”
- 2012 – 2013 Chair of the “Child Health Cluster”
- 2008 – 2012 Assistant Professor
- 2017 – present **CONICET, National Scientific and Technical Research Council of Argentina**
Buenos Aires, Argentina
Corresponding Researcher
- 2016 – 2019 **Crawford Laboratory of Evolutionary Studies (formerly Human Evolutionary Studies Program), Simon Fraser University**
Burnaby, British Columbia, Canada
Associate Member
- 2011 – present **BC Children’s Hospital Research Institute (formerly Child & Family Research Institute)**
Vancouver, British Columbia, Canada
Affiliate Investigator
- 2011 – present **Department of Archaeology, Simon Fraser University**
Burnaby, British Columbia, Canada
Associate Faculty Member
- 2009 – present **Latin American Studies (LAS) Program, Simon Fraser University**
Burnaby, British Columbia, Canada
Associate Faculty Member

PAST PROFESSIONAL EXPERIENCE

- 2016 – 2019 **School for International Studies, Simon Fraser University**
Burnaby, British Columbia, Canada
Associate Faculty Member

- 2005 – 2007 **National Institute of Environmental Health Sciences, NIH**
 Research Triangle Park, North Carolina, USA
 Research Fellow, Epidemiology Branch
- 2003 – 2005 **International Max Planck Research School**
 University of Michigan, Ann Arbor, Michigan, USA and Max Planck Institute
 for Human Development, Berlin, Germany
 Fellow, Life Course: Evolutionary and Ontogenetic Dynamics (LIFE
 Program)
- 2001 – 2005 **The University of Michigan**
 Ann Arbor, Michigan, USA
- 2002 – 2005 Trainee, Reproductive Sciences Program
- 2002 – 2005 Research Assistant, CLASS Laboratory
- 2001 Research Assistant, Department of Pathology
- 1994 – 1996 **Biology Department, Universidad Nacional de la Patagonia San Juan
 Bosco**
 Chubut, Argentina
 Research Fellow
- 1988 – 1994 **Marine Mammals Laboratory, Centro Nacional Patagonico**
 Chubut, Argentina
 Research Assistant
- 1990 – 1991 **Fundacion Patagonia Natural**
 Chubut, Argentina
 Media coordinator for a radio and TV flora and fauna conservation
 campaign

EDUCATION

- 1998 – 2005 **Department of Anthropology and School of Natural Resources and
 Environment, The University of Michigan, Ann Arbor, MI, USA**
 Doctor of Philosophy (Individually Combined Degree)
- 1996 – 1998 **Department of Anthropology, The University of Michigan, Ann
 Arbor, MI, USA**
 Master of Arts, Anthropology
- 1987 – 1994 **Department of Biology, Universidad Nacional de la Patagonia San
 Juan Bosco, Chubut, Argentina**
 Licenciado Degree, Biology

ACADEMIC HONORS AND AWARDS

- 2012-2020 **Career Investigator Scholar Award**
 Michael Smith Foundation for Health Research (\$635,000)
- 2005 **Distinguished Dissertation Award**
 Horace H. Rackham School of Graduate Studies, The University of Michigan,
 USA
- 2002 **The Buffalo Award for Science and Nature**

- 1999 School of Natural Resources & Environment, The University of Michigan, USA
Academic Merit Award.
- 1998 School of Natural Resources & Environment, The University of Michigan, USA
Academic Merit Award.
- 1997 School of Natural Resources & Environment, The University of Michigan, USA
Academic Merit Award.
- 1994 **Outstanding Licenciado Thesis Mention**
Biology Department, Universidad Nacional de la Patagonia San Juan Bosco, Argentina

FUNDING

Current Peer-Reviewed Funded Initiatives

1. **Hishuk-ish tsawalk (everything is one, everything is connected): Using two-eyed seeing to optimize healthy early life trajectories for Indigenous Peoples**
Funding Source: Canadian Institutes of Health Research — Indigenous Healthy Life Trajectories Initiative Team Grant
Total: \$1,012,849
Role: Principal Investigator
Nominated Principal Investigator: Lynnette Lucas (Nuu-chah-nulth Tribal Council & SFU)
Duration: 2019-2021
2. **The THRIVE collaborative: an initiative to improve our understanding of the factors that determine resiliency and risk using a DOHaD framework**
Funding Source: Canadian Institutes of Health Research – Planning and Dissemination Grant - Institute Community Support
Total: \$65,000
Role: Co-Applicant
Nominated Principal Investigator: Kristin Connor (Carleton U.)
Duration: 2020-2021
3. **Mindfulness and stress reduction: A testosterone measurement study**
Funding Source: Simon Fraser University – Social Sciences and Humanities Research Council of Canada – Small Grant
Total: \$10,000
Role: Co-Principal Investigator
Nominated Principal Investigator: Lieke ten Brummelhuis (SFU)
Duration: 2020-2021

4. Socio-Ecologic Modulators of Human Females' Reproductive Maturation and Senescence: A Life History Approach

Funding Source: Natural Sciences and Engineering Research Council of Canada – Discovery Grant

Total: \$198,000

Role: Principal Investigator

Duration: 2018-2024

5. Developmental Trajectories Research Challenge Area (RCA)

Funding Source: Faculty of Health Sciences, Simon Fraser University

Total: \$15,000

Role: RCA Lead

Duration: 2018-2020

6. Early Interventions to Support Trajectories for Healthy Life in India

Funding Source: Canadian Institutes of Health Research – Team Grant: Healthy Life Trajectories Initiative (HeLTI) India

Total: \$ 5,000,000

Role: Co-Applicant

Nominated Principal Applicant: Stephen Matthews (Lunenfeld-Tanenbaum Research Institute, Sinai Health System, Toronto)

Principal Applicants: Indian Lead: Kalyanaraman Kumaran (Holdsworth Memorial Hospital, Mysore, India); Stephen Lye and Prakeshkumar Shah (Sinai Health System, Toronto); Kumar Gavali Suryanarayana (Vivekananda Memorial Hospital, India); Chittaranjan S Yajnik (KEM Hospital Research Centre, Pune, India)

Knowledge Users: RB Iyer (Swami Vivekananda Youth Movement, Mysore, India), VU Padvetnaya (Public Health Foundation of India), Nalini Singhal (Alberta Health Services)

Co-Applicants: S Atkinson (McMaster); R Bandsma, Z Bhutta (Hospital for Sick Children, Toronto); A Belavendra (Christian Medical Collete & Hospital); GR Chandak (SCIR-Centre for Cellular and Molecular Biology); E Comelli, C-L Dennis, K Lee, D Sellen, P McGowan (University of Toronto); S Davidge (University of Albert); C Fall (University of Southampton, UK); G Hammond, KS Joseph (UBC); P Jha (St. Michael's Hospital, Toronto); S Joshi (Bharati Vidyapeeth University); M Krishna, GV Khrishnaveni (CS Holdsworth Memorial Hospital); P Nepomnaschy (SFU); S Pyne (India Institute of Public Health, Hyderabad); HS Sachdev (Sitaram Bhartia Institute of Science and Research); J Trasler (Research Institute of the McGill University Health Centre)

Duration: 2017-2022

Peer-Reviewed Grant Applications – Under Review

7. Understanding how life stages are linked to one another: Applying Life Course Theory to qualitative, community-based inquiry among Kaqchikel Women in Guatemala

Funding Source: Social Sciences and Humanities Research Council of Canada – Insight Development Grant

Total: \$75,000

Role: Co-Applicant

Nominated Principal Investigator: Nicole Berry (SFU)

Duration: 2020-2022

- 8. Defining the Impact of Socio-Structural Determinants of Health on Immune Activation and Inflammation in Adolescents and Young Adults in a Vulnerable Environment**
Funding Source: Canadian Institutes of Health Research — Project Grant
Total: \$1,225,200
Role: Co-Applicant
Nominated Principal Applicants: Angela Kaida, Mark Brockman
Duration: 2020-2025
- 9. Coronavirus Crisis Competence Among Sexual and Gender Minorities**
Funding Source: Canadian Institutes of Health Research — Operating Grant: COVID-19 May 2020 Rapid Research Funding Opportunity
Total: \$298,000
Role: Collaborator
Nominated Principal Investigator: Robert Paul Juster (CIUSSS de l'Est-de-l'Île-de-Montréal-Santé Mentale)
Duration: 2020-2021

Previously-Funded Peer-Reviewed Grants

- 10. Career Investigator Award** (in support of my overall Research Program: Changes in women's stress physiology and effects of peri-conceptual stress on child development)
Funding Source: Michael Smith Foundation for Health Research (MSFHR)
Total: \$635,000
Role: Sole Principal Investigator
Duration: 2012-2020
- 11. I-HeLTI: A Development Workshop Proposal led by Nuu-chah-nulth Tribal Council (NTC)**
Funding Source: Canadian Institutes of Health Research — Indigenous Healthy Life Trajectories Initiative Development Grant
Total: \$150,000
Role: Principal Applicant
Nominated Principal Applicant: Lynette Lucas, Nuu-chah-nulth Tribal Council (NTC)
Principal Applicant: Jeff Reading
Duration: 2018-2019
- 12. Maternal early post-conceptual physiologic stress and their children's stress, cognitive and behavioural developmental trajectories during the adolescent transition**
Funding Source: Faculty of Health Sciences Child Health Faculty Awards Program (supported by the Dr. Djavad Mowafaghian Child Health Foundation Endowment Fund)
Total: \$15,000
Role: Principal Investigator
Duration: 2017-2018
- 13. The impact of a home visitation intervention on biological outcomes in infants exposed to psychosocial adversity: A longitudinal evaluation (Operating Grant)**
Funding Source: Canadian Institutes of Health Research – Operating Grant
Total Direct Costs: \$955,022
Role: Co-Applicant
Principal Applicants: Andrea Gonzalez (McMaster U.), Harriet MacMillan (McMaster U.), Patrick McGowan (U. Toronto, Scarborough)

Co-Applicants: Leslie Atkinson (Ryerson U.), Ronald Barr (UBC), Michael Boyle (McMaster U.), Nicole Catherine (SFU), Mark Ferro (McMaster U.), Susan Jack (McMaster U.), Lil Tonmyr (Public Health Agency of Canada), Colleen Varcoe (UBC), Charlotte Waddell (SFU)
Duration: 2013-2018

14. Early Interventions to Support Trajectories for Healthy Life in India

Funding Source: Canadian Institutes of Health Research – Team Grant LOI: Healthy Life Trajectories Initiative (HeLTI) India

Total: \$35,000

Role: Co-Applicant

Nominated Principal Applicant: Stephen Matthews (Lunenfeld-Tanenbaum Research Institute, Sinai Health System, Toronto)

Principal Applicants: Indian Lead: Kalyanaraman Kumaran (Holdsworth Memorial Hospital, Mysore, India); Stephen Lye and Prakeshkumar Shah (Sinai Health System, Toronto); Kumar Gavali Suryanarayana (Vivekananda Memorial Hospital, India); Chittaranjan S Yajnik (KEM Hospital Research Centre, Pune, India)

Knowledge Users: RB Iyer (Swami Vivekananda Youth Movement, Mysore, India), VU Padvetnaya (Public Health Foundation of India), Nalini Singhal (Alberta Health Services)

Co-Applicants: S Atkinson (McMaster); R Bandsma, Z Bhutta (Hospital for Sick Children, Toronto); A Belavendra (Christian Medical Collete & Hospital); GR Chandak (SCIR-Centre for Cellular and Molecular Biology); E Comelli, C-L Dennis, K Lee, D Sellen, P McGowan (University of Toronto); S Davidge (University of Alberta); C Fall (University of Southampton, UK); G Hammond, KS Joseph (UBC); P Jha (St. Michael's Hospital, Toronto); S Joshi (Bharati Vidyapeeth University); M Krishna, GV Krhishnaveni (CS Holdsworth Memorial Hospital); P Nepomnaschy (SFU); S Pyne (India Institute of Public Health, Hyderabad); HS Sachdev (Sitaram Bhartia Institute of Science and Research); J Trasler (Research Institute of the McGill University Health Centre)

Duration: 2016-2017

15. Development of a mouse model of obesity-driven placenta dysfunction

Funding Source: Healthy Starts Catalyst Grant, Child & Family Research Institute (CFRI)

Total: \$30,000

Role: Co-Principal Investigator

Principal Investigator: Alexander Beristain (UBC, CFRI)

Co-Principal Investigator: Julian Christians (SFU)

Collaborator: Louis Lefebvre (UBC)

Duration: 2016-2017

16. Reproductive Health and Fertility Diagnosis

Funding Source: Simon Fraser University International Engagement Fund

Total: \$10,000

Role: Co-Principal Investigator

Co-Principal Investigator: Ash Parameswaran (Engineering Sciences, SFU)

Duration: 2015-2016

- 17. Why do workaholics experience high stress levels? A daily cortisol measurement study (SFU/SSHRC Small Grant)**
Funding Source: Social Sciences and Humanities Research Council
Total Direct Costs: \$10,000
Role: Co-Investigator
Lead Applicant: Lieke L. ten Brummelhuis (SFU)
Duration: 2014-2015 (deferred to 2015-2016 due to parental leave)
- 18. Human Behavior and Evolution Society Conference**
Funding Source: Faculty of Health Sciences Conference Fund, Simon Fraser University
Total: \$3,000
Role: Co-Principal Investigator
Co-Principal Investigators: Bernard Crespi (Biological Sciences, SFU), Mark Collard (Archaeology, SFU), Laura Dane (Psychology, Douglas College)
Duration: 2016
- 19. Early post-conceptual stress, the pace of cellular aging, children's post-natal growth, development and health**
Funding Source: Faculty of Health Sciences Child Health Faculty Awards Program (supported by the Dr. Djavad Mowafaghian Child Health Foundation Endowment Fund)
Total: \$10,200
Role: Principal Applicant
Duration: 2014-2015
- 20. Creation of a "Human Evolutionary Studies Program" at SFU (research grant)**
Funding Source: Simon Fraser University Community Trust Endowment Fund (CTEF)
Total Direct Costs: \$1,175,000
Role: Co-Principal Investigator
Co-Principal Investigators: Mark Collard, Bernard Crespi, Arne Moores, Arthur Robson, Greg Dow, Ian McCarthy (SFU)
Duration: 2011-2015
- 21. Consequences of periconceptual events (COPE) for post-natal stress physiology (Research Grant)**
Funding Source: Simon Fraser University Human Evolutionary Studies Program
Total Direct Costs: \$132,250 (these funds are part of the \$1,175,000 CTEF grant described above).
Role: Co-Principal Investigator
Co-Principal Investigator: Bernard Crespi (SFU)
Duration: 2011-2015
- 22. Interrogating DOHaD (Developmental Origins of Health and Disease) (Sponsorship Grant)**
Funding Source: NeuroDevNet
Total Direct Costs: \$5,000
Role: Primary Applicant
Duration: 2014-2015

- 23. Interrogating DOHaD (Developmental Origins of Health and Disease) (Conference Fund Grant)**
Funding Source: Vice-President, Academic Conference Fund
Total Direct Costs: \$1,500
Role: Co-Applicant
Co-Applicant: John Challis (SFU)
Duration: 2014-2015
- 24. International Workshop on the Evolutionary Aspects of Child Development and Health (Sponsorship Grant)**
Funding Source: Michael Smith Foundation for Health Research
Total Direct Costs: \$2,500
Role: Principal Applicant
Co-Applicant: Bernard Crespi (SFU)
Duration: 2014
- 25. Interrogating DOHaD (Developmental Origins of Health and Disease) (Conference Fund Grant)**
Funding Source: Faculty of Health Sciences Child Health Faculty Awards Program (supported by the Dr. Djavad Mowafaghian Child Health Foundation Endowment Fund)
Total: \$2,000
Role: Co-Applicant
Co-Applicant: John Challis (SFU)
Duration: 2013-2014
- 26. Incorporating evolutionary theory into the study of developmental origins of health and disease (Exploratory Workshop Grant)**
Funding Source: Peter Wall Institute for Advanced Studies – Exploratory Workshop Grant
Total Direct Costs: \$25,000
Role: Co-Applicant
Principal Applicant: Judith Hall (UBC, CFRI)
Co-Applicant: John Challis (SFU)
Duration: 2013-2014
- 27. International Workshop on the Evolutionary Aspects of Early Child Development**
Funding Source: SFU Vice-President, Academic Conference Fund
Total: \$5,000
Role: Sole Principal Investigator
Duration: 2013-2014
- 28. International Workshop on the Evolutionary Aspects of Early Child Development**
Funding Source: Faculty of Health Sciences Child Health Faculty Awards Program (supported by the Dr. Djavad Mowafaghian Child Health Foundation Endowment Fund)
Total: \$6,000
Role: Sole Principal Investigator
Duration: 2012-2013

29. Metabolic profiles of female reproductive aging: A comparative study (research grant)

Funding Source: University of Pennsylvania, PARC/PSC/Boettner Institute TRIO Pilot Project Competition

Total Direct Costs: \$30,000

Role: Co-Investigator

Principal Investigator: Claudia Valeggia (U. Pennsylvania)

Duration: 2012-2013

30. Interplay between women's stress and reproductive axes: The dynamic transition from post-partum infertility to ovarian cyclicity (Operating Grant)

Funding Source: Canadian Institutes of Health Research

Total Direct Costs: \$364,878

Role: Principal Investigator

Co-Investigators: Charmaine Dean (U. Western Ontario), Claudia Valeggia (U. Pennsylvania), Leilei Zeng (U. Waterloo)

Duration: 2010-2013

31. Human Reproductive Biology Laboratory (start-up grant)

Funding Source: Simon Fraser University - President's Research Start-up Grant

Total Direct Costs: \$150,000

Role: Sole Principal Investigator

Duration: 2008-2011

32. Women's physiologic stress response and its effect on ovarian function from post-partum infertility to the resumption of eumenorrhea (seed grant)

Funding Source: Women's Health Research Network (the WHRN is funded through the Michael Smith Foundation for Health Research)

Total Direct Costs: \$3,750

Role: Sole Principal Investigator

Duration: 2010

33. Environmental Exposures and Reproductive Outcomes in the North Carolina Early Pregnancy Study Pilot (research grant)

Funding Source: NIEHS-NIH Intramural Funding

Total Direct Costs: \$50,000

Role: Co-Investigator

Principal Investigator: Donna Baird (NIEHS-NIH)

Duration: 2006-2009

Fellowships and Scholarships

Rackham Pre-Doctoral Fellowship

Funding Source: Rackham Graduate School, The University of Michigan

Total Direct Costs: \$6,000

Duration: 2005

International Max Planck Research School Fellowship

Funding Source: The University of Michigan and Max Planck Institute for Human Development, Berlin, Germany

Total Direct Costs: \$40,000

Duration: 2003-2005

Special One-Term Fellowship

Funding Source: Rackham Graduate School, The University of Michigan

Total Direct Costs: \$6,000

Duration: 2003

Founders Pre-Doctoral Fellowship

Funding Source: Institute for Social Research, The University of Michigan

Total Direct Costs: \$15,000

Duration: 2002

Fieldwork Grant

Funding Source: Rackham Graduate School, The University of Michigan

Total Direct Costs: \$4,000

Duration: 2001

Spring/Summer Research Grant Program

Funding Source: Institute for Social Research, The University of Michigan

Total Direct Costs: \$4,000

Role: Co-Applicant

Principal Investigator: Bobbi Low (U. Michigan)

Duration: 1999

Margaret-Wray French Pre-dissertation Field Work Grant

Funding Source: Department of Anthropology, The University of Michigan

Total Direct Costs: \$2,000

Duration: 1999

Gerald H. Johnson Internship Grant

Funding Source: School of Nat. Res. & Environment, The University of Michigan

Total Direct Costs: \$2,000

Duration: 1999

Preliminary Field Research Grant

Funding Source: Latin American and Caribbean Studies, The University of Michigan

Total Direct Costs: \$1,000

Duration: 1999

Pre-Doctoral Research Grant (yearly awarded)

Funding Source: School of Natural Resources & Environment, The University of Michigan

Total Direct Costs: \$1,000

Duration: 1998-2003

Discretionary Funds (yearly awarded – applied towards pre-doctoral research)

Funding Source: Rackham Graduate School, The University of Michigan

Total Direct Costs: \$10,000

Duration: 1997-2000

Aluan Macauley Scholarship

Funding Source: School of Natural Resources & Environment, The University of Michigan

Total Direct Costs: \$1,000

Duration: 1997

Academic Merit Scholarship (yearly awarded)

Funding Source: Universidad Nacional de la Patagonia San Juan Bosco, Argentina

Total Direct Costs: \$20,000

Duration: 1987-1993

PUBLICATIONS

Legend:

Underlined names: co-authors that are students or trainees

Number of citations: According to Google Scholar up to May 29, 2020.

IF: "Impact Factor" of the journal

Published Peer-Reviewed Journal Articles

1. **Nepomnaschy PA**, Rowlands A, Prescivalli Costa AP, Salvante KG. (2020) *Socio-Ecological Challenges as Modulators of Women's Reproductive Trajectories*. *Ann Rev Anthro* (Invited Review), In press. **IF: 3.065**.
2. Abdul-Hussein A, Kareem A, Tewari S, Bergeron J, Briollais L, Challis J, Davidge S, Delrieux C, Fortier I, Goldowitz D, **Nepomnaschy P**, Wazana A, Connor K. *Early life risk and resiliency factors and their influences on developmental outcomes and disease pathways: a rapid evidence review of systematic reviews and meta-analyses*. *JDOHAD*, Accepted with minor revision – revision April 2020. **IF:2.34**
3. Hoi, AG; Daiy, K; Altman, RM; Venners, S; Valeggia, CR; Nepomnaschy, PA *Postpartum amenorrhea duration by sex of the newborn in two natural fertility populations*. *Am J Phys Anthro*, Accepted with minor revision, June 2020. **IF: 2.824**
4. McKerracher L, **Nepomnaschy PA**, Altman RM, Sellen D, Collard M. (2020) *Breastfeeding durations and the social learning of infant feeding knowledge in two Maya communities*. *Hum Nat* 31:43-67. **IF: 2.148**
5. Ponzi D, Flinn MV, Muehlenbein MP, **Nepomnaschy PA**. (2020). *Hormones and human developmental plasticity* (Invited Review) *Molec Cell Endoc*, 505:110721. **Cited 2 times - IF: 3.859**.
6. Barha CK, Salvante KG, Jones M, Farré P, Blais JC, Zeng L, Emberly E, Kobor M, **Nepomnaschy PA**. (2019) *Early post-conception maternal cortisol, children's HPAA activity and DNA methylation profiles*. *JDOHAD* 10: 73–87. **Cited 2 times - IF: 2.215**.
7. Rapaport T, Villasenor F, Altman RM, **Nepomnaschy PA**. (2019) *Sex ratio and maternal age in a natural fertility, subsistence population: Daughters, sons, daughters*. *Am J Hum Biol* 169(2):368-376. **IF: 1.575**
8. Barha CK, Salvante KG, Hanna CW, Wilson SL, Robinson WP, Altman RM, **Nepomnaschy PA**. (2017) *Child mortality, hypothalamic-pituitary-adrenal axis activity and cellular aging in mothers*. *PLoS ONE* 12(5):e0177869. **Cited 3 times - IF: 2.766**.
9. McKerracher L, Collard M, Altman R, Richards M, **Nepomnaschy PA**. (2017) *The ex-pat effect: Presence of recent Western immigrants is associated with changes in age at first birth and birth rate in a Maya population from rural Guatemala*. *Ann Hum Biol* 44(5):441-453. **Cited 2 times - IF: 1.588**.

10. McKerracher L, Collard M, Altman RM, Sellen D, **Nepomnaschy P**. (2017) *Energy-related influences on variation in breastfeeding duration among indigenous Maya women from Guatemala*. Am J Phys Anthropol 162(4):616-626. **Cited 6 times - IF: 2.901.**
11. Ogirala T, Eapen A, Salvante KG, Rapaport T, **Nepomnaschy PA**, Parameswaran MA. (2017) *Smartphone based colorimetric ELISA implementation for determination of women's reproductive steroid hormone profiles*. Med Biol Engin Comput 55(10):1735-1741. **Cited 6 times - IF: 1.820.**
12. Salvante KG, Milano K, Kliman HJ, **Nepomnaschy PA**. (2017) *Placental 11-beta hydroxysteroid dehydrogenase type 2 (11 β -HSD2) expression very early during human pregnancy*. JDOHAD 8(2):149-154. **Cited 8 times - IF: 2.215.**
13. Barha CK, Hanna CW, Salvante KG, Wilson SL, Robinson WP, Altman RM, **Nepomnaschy PA**. (2016) *Number of Children and Telomere Length in Women: A Prospective, Longitudinal Evaluation*. PLoS ONE 11(1): e0146424. **Cited 29 times - IF: 2.766.** This article was in the top 1% most downloaded (10,701 views; 872 downloads) of PLoS ONE's over 22,000 research articles published in 2016.
14. Cao Z, Tseng H-Y, Salvante K, **Nepomnaschy P**, Parameswaran MA. (2016) *High Sensitivity Fluorescence Detection Using Smart Phone Cameras*. Poster presentation, Institute of Electrical and Electronics Engineers (IEEE) Sensors 2016 Conference, Orlando, FL, USA, 30 Oct – 2 Nov 2016. (Conference paper)
15. Ogirala T, Eapen A, Salvante KG, **Nepomnaschy PA**, Parameswaran MA. (2016) *Adaptive illumination backlight panel for ELISA imaging systems*. Oral presentation, annual Institute of Electrical and Electronics Engineers (IEEE) Canadian Conference on Electrical and Computer Engineering, Vancouver, BC, Canada, 16 May 2016. (Conference paper: Proceedings of the CCECE 2016: 1150) **Cited 1 time**
16. **Nepomnaschy PA**, Salvante KG, Zeng L, Pyles C, Ma H, Blais JC, Wen L, Barha CK. (2015) *Variation in maternal cortisol profiles across the peri-conceptual period: A longitudinal description and evaluation of potential functions*. Hum Reprod 30:1460-1472. **Cited 8 times - IF: 4.990.**
17. Sarkar PL, Zeng L, Chen Y, Salvante KG, **Nepomnaschy PA**. (2013) *A longitudinal evaluation of the relationship between first morning urinary and salivary cortisol*. Am J Hum Biol 25: 351-358. **Cited 10 times - IF: 1.575.**
18. **Nepomnaschy PA**, Lee TCK, Zeng L, Dean CB. (2012) *Who is stressed? Methods to appropriately compare cortisol levels between individuals*. Am J Hum Biol 24: 515-525. **Cited 18 times - IF: 1.575.**
19. Salvante KG, Brindle E, McConnell D, O'Connor KA, **Nepomnaschy PA**. (2012) *Validation of a new multiplex assay against individual immunoassays for the quantification of reproductive, stress and energetic hormones in urine specimens*. Am J Hum Biol 24: 81-86. **Cited 19 times - IF: 1.575.**
20. **Nepomnaschy PA**, Altman RM, Watterson R, Co C, McConnell D, England BG (2011) *Is Cortisol Excretion Independent of Menstrual Cycle Day? A Longitudinal Evaluation of First Morning Urinary Specimens*. PLoS ONE. 6(3): e18242. **Cited 45 times - IF: 2.766.**
21. Flinn MV, **Nepomnaschy PA**, Muehlenbein MP, Ponzi D (2011) *Evolutionary functions of early social modulation of hypothalamic-pituitary-adrenal axis development in humans*. Neurosci

Biobehav Rev. 35: 1611-1629. **Cited 128 times - IF: 8.037.**

22. Baird DD, Saldana T, **Nepomnaschy PA**, Hoppin JA, Longnecker MP, Weinberg CR, Wilcox AJ (2010) *Within-Person Variability in Urinary Phthalate Metabolite Concentrations: Measurements from Specimens after Long-Term Frozen Storage*. J Expo Sci Environ Epidemiol 20:169–175. **Cited 49 times - IF: 2.927.**
23. **Nepomnaschy PA**, Baird DD, Weinberg CR, Hoppin JA, Longnecker MP, Wilcox AJ (2009) *Within-Person Variability in Urinary Bisphenol A Concentrations: Measurements from Specimens after Long-Term Frozen Storage*. Environ Res 109(6): 734-737. **Cited 83 times - IF: 4.732.**
24. **Nepomnaschy PA**, Vitzthum VJ, Flinn MV. (2009) *Evolutionary endocrinology: Integrating proximate mechanisms, ontogeny, and evolved function*. Am J Hum Biol 21(6):728-30. **Cited 9 times - IF: 1.575.**
25. **Nepomnaschy PA**, Weinberg CR, Wilcox AJ, Baird DD (2008) *Urinary hCG patterns during the week following implantation*. Hum Reprod 23(2): 271–277. **Cited 41 times - IF: 4.990.**
26. **Nepomnaschy PA**, Sheiner E, Mastorakos G, Arck PC (2007) *Stress, immune function and women's reproduction*. Stress Responses in Biology and Medicine; Ann NY Acad Sci 1113: 350-354. **Cited 78 times - IF: 4.277.**
27. **Nepomnaschy PA**, Welch K, McConnell D, Low BS, Strassmann BI, England BG (2006) *Cortisol levels and very early pregnancy loss in humans*. PNAS 103(10): 3938-3942. **Cited 307 times - IF: 9.504.**
28. **Nepomnaschy PA**, Welch K, McConnell D, Strassmann BI, England BG (2004) *Stress and Female Reproductive Function: A study of daily variations in cortisol, gonadotrophins, and gonadal steroids in a Rural Mayan Population*. Am J of Hum Biol 16:533-543. **Cited 131 times - IF: 1.575.**

Published Peer-Reviewed Book Chapters

29. **Nepomnaschy PA**, Mohtadi N, Núñez-de la Mora A. (2016) *Evolution, Development and Health. A History of Limitations, Trade-offs and Compromises*. In L Madrigal Díaz & R González-José (Eds.) Introduction to Biological Anthropology. Latinoamerican Association of Biological Anthropology (ALAB). pp. 649-672. ISBN: 978-987-33-9562-8.
30. Núñez-de la Mora A, Vallengia C, **Nepomnaschy PA**. (2016) *Human Reproductive Ecology*. In L Madrigal Díaz & R González-José (Eds.) Introduction to Biological Anthropology. Latinoamerican Association of Biological Anthropology (ALAB). pp. 174-213. ISBN: 978-987-33-9562-8.
31. Flinn MV, Ponzi D, **Nepomnaschy PA**, Noone R (2013) *Ontogeny of stress reactivity in the human child: Phenotypic flexibility, trade-offs, and pathology*. In G Laviola & S Macrì (Eds.) Adaptive and Maladaptive Aspects of Developmental Stress. Berlin: Springer Press. pp. 95-120. **Cited 4 times.**
32. **Nepomnaschy PA**, Flinn MV (2009) *Early life influences on the ontogeny of neuroendocrine stress response in the human child*. In PB Gray & PT Ellison (Eds.) Endocrinology of Social Relationships. Cambridge, MA: Harvard University Press. pp. 364-382. ISBN: 978-0-674-03117-3. **Cited 26 times.**

Published Monographs

33. **Nepomnaschy PA** (2005) *Stress and Female Reproduction in a Rural Mayan Population*. Doctoral Thesis, The University of Michigan.
34. **Nepomnaschy PA** (1996) *The distribution of economic resources and its effects on the marriage practices among the Tehuelches*. Informe Final Beca de Iniciacion a la Investigación, UNPSJB Biblioteca de la Facultad de Ciencias Naturales. Pto. Madryn, Argentina.
35. **Nepomnaschy PA** (1994) *Harem Structure of Southern Elephant Seals (*Mirounga leonina*). Its relationship with Aspects of Individual Social Behavior*. Seminario de Licenciatura en Ciencias Biologicas, UNP Fac. Cs. Nat. Pto. Madryn, Argentina.

Articles in Preparation for Peer Review

McKerracher L, Collard M, **Nepomnaschy PA**, Richards M. *Intensive breastfeeding is associated with depressed $\delta^{15}N$ values in a sample of living indigenous Maya women from Guatemala*. For AJPA. **IF: 2.824**

Rapaport T, Salvante KG, Venners S, Baker G, **Nepomnaschy PA**. *Prevalence of anovulation: Comparison of two techniques to estimate ovulation and anovulation in two populations of healthy women*. For Human Reproduction. **IF: 4.990**

CONFERENCE PRESENTATIONS

Featured Speaker

1. **Nepomnaschy PA** (2019) *Indigenous populations and DOHaD Research: Advances, Challenges and Opportunities*. Invited Speaker at the DOHaD Canada 3rd Scientific Meeting, Mont Tremblant, Québec, Canada.

Symposium Guest Discussant

2. **Nepomnaschy P**, Aiello LC (co-discussants) (2011) *Eating for two: Maternal ecology and nutrition in human and non-human primates*. Invited podium symposium organized by Kathryn Clancy and Julienne Rutherford at the Annual Meeting of the American Association of Physical Anthropology, Minneapolis, MN, USA.

Presentations (Peer-Reviewed Abstracts)

1. Prescivalli Costa AP, Salvante KG, Rowlands A, **Nepomnaschy PA** (2020) Changes in immunologic and stress axis activity during the menarche transition in Kaqchikel Mayan girls. Meeting of the Human Biology Association, Los Angeles, CA, April 2020 (Abstract accepted for a poster presentation, but conference cancelled due to COVID-19).
2. Rowlands A, Salvante KG, McKinnon L, Samson D, **Nepomnaschy PA** (2020) The hypothalamic-pituitary-adrenal axis and sleep as modulators of metabolic energy across the adolescent transition in a group of Mayan girls. Meeting of the Human Biology Association, Los Angeles, CA, April 2020 (Abstract accepted for a poster presentation, but conference cancelled due to COVID-19).

3. Mckinnon L, Samson DR, Nunn CL, **Nepomnaschy PA** (2020) Male sleep is shorter and more fragmented than female sleep in a semi-electric, non-industrial, rural population of Kaqchikel Maya. Meeting of the American Association of Physical Anthropology, Los Angeles, CA, April 2020 (Abstract accepted for a poster presentation, but conference cancelled due to COVID-19).
4. Prescivalli Costa AP, Rowlands A, Salvante KG, **Nepomnaschy PA** (2019) Changes in immunologic and stress axis activity during the menarche transition in Kaqchikel Mayan girls. Poster presentation at the University of British Columbia, Tri-Cluster Research Day: Future of Health, Vancouver, BC, Canada, 8 November 2019.
5. **Nepomnaschy PA**, Rowlands A, Prescivalli Costa AP, Salvante KG. (2019) Maternal HPAA activity early post-conception and HPAA and HPGA activity during the adolescent transition. Poster presentation at the DOHaD International Congress, Melbourne, Australia, 20-23 October 2019.
6. Rowlands A, Salvante KG, McKinnon L, Samson D, **Nepomnaschy PA** (2019) Sleep and the hypothalamic-pituitary-adrenal axis as modulators of metabolic energy across the adolescent transition in a group of Mayan girls - A preliminary analysis. Poster presentation at the DOHaD International Congress, Melbourne, Australia, 20-23 October 2019.
7. Ten Brummelhuis LL, Salvante KG, Toniolo Barrios M, **Nepomnaschy PA**. (2019) Waking up stressed: How stress appraisal of workaholics affects cortisol levels. Academy of Management Annual Meeting, Boston, MA, 9 August 2019.
8. Araujo M, Ponde M, **Nepomnaschy P**, Brito M, Feitosa C, Aguiar C, Farias L, Prado B (2019) The effects of yoga practice on Brazilian pregnant adolescents: a randomized trial to analyze parameters of stress (anxiety, depression and cortisol levels). 23rd IUHPE World Conference on Health Promotion, Rotorua, New Zealand, 7 - 11 April 2019
9. Prescivalli Costa AP, Salvante KG, **Nepomnaschy PA** (2019) Chronic Inflammation and the Onset and Pace of Reproductive Maturation in Mayan Girls. Poster presentation at the annual Meeting of the Human Biology Association, Cleveland, Ohio, 27-28 March 2019.
10. **Reyes-Dominguez GG**, **Nepomnaschy P**, Núñez- de la Mora A (2019) Executive function performance in rural children living in poverty: A study of maternal, nutritional and psychosocial determinants in Veracruz, Mexico. Poster presentation at the annual Meeting of the Human Biology Association, Cleveland, Ohio, 27-28 March 2019.
11. Rowlands A, Salvante KG, McKinnon L, Samson D, **Nepomnaschy PA** (2019) Sleep patterns, the hypothalamic-pituitary-adrenal axis, and the pubertal transition in a group of Mayan girls - A preliminary analysis. Poster presentation at the annual Meeting of the Human Biology Association, Cleveland, Ohio, 27-28 March 2019.
12. **Nepomnaschy PA**, Salvante KG, Barha CK, Jones M, Kobor M. (2018) DNA methylation as a potential mediator of the association between maternal cortisol levels during the first eight gestational weeks and stress axis programming in girls and boys. Oral presentation, Canadian National Perinatal Research Meeting, Banff, AB, Canada, 14-17 Feb 2018.
13. **Nepomnaschy PA**, Salvante KG, Milano K, Kliman HJ. (2018) Fetal protection from maternal cortisol: Early is 11-beta hydroxysteroid dehydrogenase type 2 (11 β -HSD2) expression in the human placenta. Poster presentation, DOHaD Canada, Banff, AB, Canada, 14 Feb 2018.
14. **Nepomnaschy PA**, Villasenor F, Rapaport T, Altman R. (2018) Daughters First, Daughters Last: An evaluation of birth sex ratio by birth order in a Mayan community in Guatemala. Podium

presentation, annual Meeting of the Human Biology Association, Austin, TX, USA, 11-14 Apr 2018.

15. **Nepomnaschy PA**, **Salvante KG**, Jones M, Kobor M. (2017) Maternal cortisol levels immediately after conception and stress axis programming in girls and boys. Invited podium presentation, Growth, Development and Parental Investment Symposium, annual meeting of the Canadian Association of Physical Anthropologists, Edmonton, AB, Canada, 25-28 Oct 2017.
16. **Nepomnaschy PA**, **Salvante KG**, Milano K, Kliman HJ. (2017) Fetal protection from maternal cortisol: How early is 11-beta hydroxysteroid dehydrogenase type 2 (11 β -HSD2) expressed in humans. Poster presentation, Developmental Origins of Health and Disease World Congress, Rotterdam, The Netherlands, 15-18 Oct 2017.
17. **Reyes-Dominguez GG**, Reynoso-Alcantara V, **Nepomnaschy P**, Amescua Villela G, Negrete-Yankelevich S, Núñez- de la Mora A. (2017) Factores asociados a las funciones ejecutivas de una población rural infantil en México. Congreso Internacional de Psicología de la Salud, PSICOSALUD 2017, Havana, Cuba, 30 Oct-3 Nov 2017.
18. **Villasenor F**, **Rapaport T**, **Salvante KG**, Altman R, **Nepomnaschy PA**. (2017) Daughters First? Sex ratio and allomaternal care in a Mayan population. Invited podium presentation, Growth, Development and Parental Investment Symposium, annual meeting of the Canadian Association of Physical Anthropologists, Edmonton, AB, Canada, 25-28 Oct 2017.
19. **Nepomnaschy PA**, **Barha CK**, **Salvante KG**, Hanna CW, Wilson SL, Robinson WP, Altman RM. (2016) Reproductive events, life history traits, the hypothalamic-pituitary-adrenal axis and cellular aging in women. Symposium presentation, annual meeting of the Human Behavior and Evolution Society, Vancouver, BC, Canada, 29 June – 2 July 2016.
20. **Nepomnaschy PA**, **Barha CK**, **Salvante KG**. (2016) *Reproductive History and the Pace of Aging in Women*. Podium presentation, annual meeting of the American Association of Physical Anthropologists, Atlanta, GA, USA, 15 Apr 2016.
21. **Nepomnaschy PA**, **Barha CK**, **Salvante KG**, Hanna CW, Wilson SL, Robinson WP, Altman RM. (2016) *Stressful Life Events, the Hypothalamic-Pituitary-Adrenal Axis and Cellular Aging in Women*. Podium presentation, annual meeting of the Human Biology Association, Atlanta, GA, USA, 14 Apr 2016.
22. **McKerracher L**, Collard M, **Nepomnaschy P**, Richards M. (2016) *Intensive breastfeeding associates with depressed $\delta^{15}N$ values in a sample of living indigenous Maya women from Guatemala*. Poster presentation, annual meeting of the American Association of Physical Anthropology, Atlanta, GA, USA, 16 Apr 2016.
23. **McKerracher L**, **Nepomnaschy P**, Altman R, Sellen D, Collard M. (2016) *Mode of cultural learning influences duration of exclusive breastfeeding in a sample of indigenous Maya women from Guatemala*. Poster presentation, annual meeting of the Human Biology Association, Atlanta, GA, USA, 15 Apr 2016.
24. **Nepomnaschy PA**, **Salvante KG**, Zeng L, **Pyles C**, Ma H, Blais JC, Wen L, **Barha CK**. (2015) *How and why do maternal cortisol profiles vary in a time dependent manner across the peri-conceptual period?* Poster presentation, Developmental Origins of Health and Disease 9th World Congress, Cape Town, South Africa.
25. **Nepomnaschy PA**, **Barha CK**, **Salvante KG**, Blais JC, Wen L, Ma H and Zeng L (2015) *Variability in maternal cortisol levels during very early gestation is associated with children's*

postnatal hypothalamic-pituitary-adrenal axis activity. Oral presentation, inaugural meeting of the International Society for Evolution, Medicine, & Public Health, Tempe, AZ, USA.

26. **Barha CK, Salvante KG, Hanna CW, Alman R, Wilson SL, Robinson WP, Nepomnaschy PA** (2015) *Increased basal and stress-induced cortisol levels are associated with accelerated cellular aging in middle-aged women*. Poster presentation, annual meeting of the International Behavioral Neuroscience Society, Victoria, BC, Canada.
27. **McKerracher L, Nepomnaschy P, Altman R, Sellen D, Collard M.** (2015) *Longer lactation for last-born children: Evidence from modern Maya mother-child pairs*. Poster presentation, annual meeting of the European Society for the study of Human Evolution, London, UK. *Proc Eur Soc Hum Evol* 4: 156.
28. **Nepomnaschy PA, Barha CK, Salvante KG, Ma H, Zhang J, Zeng L** (2014) *Variability in children's postnatal HPA activity is associated with maternal cortisol levels during very early gestation*. Oral presentation, annual meeting of the American Association of Physical Anthropologists, Calgary, AB, Canada.
29. **Barha CK, Salvante KG, Blais J, Ma H, Zeng L, Nepomnaschy PA** (2014) *Maternal peri-conceptual cortisol and HPA axis activity in pre-pubertal children*. Poster presentation, annual meeting of the International Behavioral Neuroscience Society, Las Vegas, NV, USA.
30. **Barha CK, Hanna CW, Salvante KG, Robinson WP, Nepomnaschy PA** (2014) *Offspring mortality accelerates the aging process in mothers*. Poster presentation, annual Meeting of the Human Biology Association, Calgary, AB, Canada.
31. **Hoi AG, Salvante K, Altman R, Venners S, Roitberg B, Valeggia C, Nepomnaschy PA** (2014) *Influence of the sex of a newborn on a mother's resumption of fertility*. Poster presentation, annual meeting of the Canadian Association of Physical Anthropologists, Fredericton, NB, Canada.
32. **McKerracher LJ, Collard M, Nepomnaschy P** (2014) *Inter-individual variation in access to allocate helps to facilitate relatively early weaning in a population of Mayan women*. Podium presentation, annual Meeting of the Human Biology Association, Calgary, AB, Canada. *Am J Hum Biol* 26(2): 273.
33. **Salvante KG, Pyles C, Ma H, Wu Y, Valeggia C, Zeng L, Nepomnaschy PA** (2014) *A description of longitudinal changes in maternal cortisol profile across the peri-conceptual period and a discussion of their potential function*. Poster presentation, annual Meeting of the Human Biology Association, Calgary, AB, Canada.
34. **Valeggia C, Phojanakong P, Salvante KG, Nepomnaschy PA** (2014) *Metabolic trade-offs during the menopausal transition: Association between adiponectin, reproductive hormones, and energetic status in two populations of Argentina*. Podium presentation, annual Meeting of the Human Biology Association, Calgary, AB, Canada.
35. **Nepomnaschy PA, Barha, CK, Salvante KG, Ma H, Zeng L** (2013) *Mothers' peri-conceptual cortisol levels and their children's postnatal stress reactivity*. Poster presentation, Developmental Origins of Health and Disease Conference, Singapore.
36. **Barha, CK, Salvante KG, Zhang J, Zeng L, Nepomnaschy PA** (2013) *Between- and within-individual variability in first morning urinary cortisol in pre-pubertal children: Potential explanatory variables*. Poster presentation, Developmental Origins of Health and Disease Conference, Singapore.

37. **Nepomnaschy PA, Salvante KG** (2012) *Methodologic considerations for assessing physiologic stress in women*. Oral presentation, annual Meeting of the Canadian Association of Physical Anthropologists, Victoria, BC, Canada.
38. **Nepomnaschy PA, Salvante KG, Chen Y, Zeng L** (2012) *Today is the tomorrow we worried about yesterday: Changes in stress axis function across women's reproductive transitions*. Oral presentation, annual Meeting of the American Association of Physical Anthropology, Portland, OR, USA. *Am J Phys Anthropol* 147(54): 222.
39. Warnock F, Bowen AN, Soares C, Glover V, Oberlander T, **Nepomnaschy P**, Fairbrother N, Galea L (2012) *Taking action to close the gap in research of perinatal mental health*. Poster presentation, annual Meeting of the Marcé Society for Perinatal Mental Health, Paris, France. *Arch Women's Ment Health* 16(Suppl 1): S103-S104.
40. Low B, Hazel A, **Nepomnaschy PA** (2012) *Is there an ecology of maternal investment in primates?* Oral presentation, annual Meeting of the American Association of Physical Anthropology, Portland, OR, USA. *Am J Phys Anthropol* 147(54): 196.
41. **McKerracher L, Sellen D, Nepomnaschy P, Collard M**. (2012) *A Cross-cultural assessment of the impact of risk on women's infant feeding decisions*. Invited podium presentation, 1st Annual Symposium of the Human Evolutionary Studies Program in Burnaby, BC.
42. **McKerracher L, Sellen D, Nepomnaschy PA, Collard M** (2012) *Does "The Extrinsic Risk Hypothesis" Explain Cross-Cultural Variation in Age at Introduction of Transitional Foods?* Poster presentation, annual Meeting of the American Association of Physical Anthropology, Portland, OR, USA. *Am J Phys Anthropol* 147(54): 211.
43. **Salvante KG, Brindle E, O'Connor K, McConnell D, Nepomnaschy PA** (2012) *Validation of a new multiplex assay against individual immunoassays for the quantification of reproductive, stress and energetic hormones in urine specimens*. Annual Meeting of the Human Biology Association, Portland, OR, USA. *Am J Hum Biol* 24(2): 241.
44. **Sarkar PL, Chen Y, Salvante KG, Zeng L, Nepomnaschy PA** (2012) *Are first morning urinary free cortisol and circadian profiles for salivary free cortisol related?* Poster presentation, annual Meeting of the Human Biology Association, Portland, OR, USA. *Am J Hum Biol* 24(2): 242.
45. **Nepomnaschy PA, Lee T, Zeng L, Dean CB** (2011) *Appropriate Methods to Rank Individuals Using Cortisol Levels*. Oral presentation, annual Meeting of the Canadian Association of Physical Anthropologists at the University of Montreal in Montreal, QC, Canada.
46. **Nepomnaschy PA, Lee T, Zeng L, Dean CB** (2011) *The use of cortisol to assess physiologic stress levels across women: How many samples are needed and what is the best standardization method?* Poster presentation, annual Meeting of the Human Biology Association, Minneapolis, MN, USA. *Am J Hum Biol* 23(2): 243.
47. **McKerracher L, Sellen D, Nepomnsachy PA, Collard M** (2011) *A cross-population analysis of the impact of extrinsic risk on age at introduction of transitional foods*. Poster presentation, annual Meeting of the Canadian Association of Physical Anthropologists at the University of Montreal in Montreal, QC, Canada.
48. **McKerracher L, Sellen D, Nepomnsachy PA, Collard M** (2011) *Do human mothers and infants adjust duration of exclusive breastfeeding in response to ecological risks?* Poster presentation, annual Meeting of the Canadian Association of Physical Anthropologists at the University of Montreal in Montreal, QC, Canada.

49. **McKerracher L**, Sellen D, **Nepomnaschy P**, Murray D, Collard M (2011) *Variation in age at introduction of weaning foods in small-scale farming and herding populations is inversely associated with indicators of pathogen risk*. Poster presentation, annual Meeting of the American Association for Physical Anthropology, Minneapolis, MN, USA. *Am J Phys Anthropol* 144(52): 212.
50. **Nepomnaschy PA**, Altman RM, **Watterson R**, Co C (2010) *Is cortisol urinary excretion independent of the day of the menstrual cycle?* Annual Meeting of the Human Biology Association, Albuquerque, NM, USA. *Am J Hum Biol* 22(2): 264.
51. **Nepomnaschy PA**, Altman R, **Watterson R**, Co C, England BG (2010) *Urinary cortisol excretion across the menstrual cycle*. Annual Meeting of the Canadian Association of Physical Anthropologists at the University of Saskatchewan in Saskatoon, SK, Canada.
52. **Watterson R**, **Nepomnaschy PA** (2010) *Explaining acute stress reactivity: An analysis of gender, cortisol and discourse*. Innovations in Gender, Sex and Health Research Conference, Toronto, ON, Canada.
53. **Nepomnaschy PA**, Hasan R, McConnell D, England BG (2009) *Self-reported concerns and urinary cortisol levels in a Mayan community*. Annual Meeting of the Human Biology Association, Chicago, IL, USA. *Am J Hum Biol* 21(2): 262.
54. **Nepomnaschy PA** (2009) *Cross-talk between the stress and reproductive axes in eumenorrheic women*. Podium presentation, annual meeting of the Canadian Association for Physical Anthropology, Vancouver, BC, Canada.
55. **McKerracher L**, Sellen D, **Nepomnaschy PA**, Collard M (2009) *An Assessment of the impact of population history and risk on women's infant feeding decisions*. Podium presentation, annual Meeting of the Canadian Association of Physical Anthropology, Vancouver, BC, Canada.
56. Hazel A, Low BS, Welch K, **Nepomnaschy PA** (2008) *Reproductive strategies and environmental correlations in the order Primates*. Plenary Symposium of the 33rd Annual Meeting of the Human Biology Association, Columbus, OH, USA. *Am J Hum Biol* 20(2): 223.
57. **Nepomnaschy PA** (2007) *Stress-Triggered Reproductive Suppression: an Evolved Adaptation?* Proceedings of the World Congress of Stress, Budapest, Hungary.
58. **Nepomnaschy PA** (2007) *Cortisol Levels, Female Reproductive Function and Very Early Pregnancy in Humans*. 5th European Congress of Reproductive Immunology, Berlin, Germany.
59. **Nepomnaschy PA**, Weinberg CR, Wilcox A, Baird DD (2007) *Urinary hCG patterns during the first week after the initiation of implantation*. Annual Meeting of the Human Biology Association, Philadelphia, PA, USA. *Am J Hum Biol* 19(2): 270-271.
60. **Nepomnaschy PA**, McConnell D, Welch K, Strassmann BI, Low BS, England BG (2005). *Stress and female reproduction: Daily stressors, cortisol levels, the menstrual cycle, and early pregnancy*. Annual Meeting of the Human Biology Association, Milwaukee, WI, USA. *Am J Hum Biol* 17(2): 40.
61. **Nepomnaschy PA**, England BG (2004) *The critical process of implantation*. Annual Meeting of the American Association of Physical Anthropology, Tampa, FL, USA. *Am J Phys Anthropol* 38(152): 523.
62. **Nepomnaschy PA**, Welch K, McConnell D, Strassmann BI, England BG (2003) *Adrenal and reproductive hormone changes in parous Mayan women in rural Guatemala*. Annual Meeting of the American Anthropological Association, Tempe, AZ, USA. *Am J Hum Biol* 15(2): 58.

- 63. Nepomnaschy PA** (1996) *Did the Economic Environment of the Patagonian Tehuelche Tribe (XVI to XIX Centuries) Have an Effect on their Marriage System?* Annual Meeting of the Human Behavior and Evolution Society, Northwestern University, Chicago, IL, USA.

Invited Guest Speaker Presentations

1. **Nepomnaschy PA** (2019) *Indigenous populations and DOHaD Research: Advances, Challenges and Opportunities*. Crawford Lab – Centre for Evolutionary Sciences, SFU, Burnaby, BC, Canada.
2. **Nepomnaschy P** (2019) *Indigenous populations and DOHaD research: advances, challenges and opportunities*. Vulnerable and at Risk Populations Theme, Canadian DOHaD Society. Mont Tremblant, QC, Canada.
3. **Nepomnaschy PA** (2018) *Wisely and slow; they stumble that run fast*. Life History Symposium in honor of Dr. Bobbi Low. University of Michigan, Ann Arbor, Michigan, USA.
4. **Nepomnaschy PA** (2017) *Advances in Women's Reproductive Ecology*. SFU Department of Archaeology Seminar Series, Burnaby, BC, Canada.
5. **Nepomnaschy PA** (2016) *Stress, Reproduction and Development: An Ecological Perspective*. Origins of Child Health and Disease Work-in-Progress Meeting, Child & Family Research Institute, Vancouver, BC, Canada.
6. **Nepomnaschy PA** (2015) *Conception, Maternal Stress and programming of the Hypothalamic-Pituitary-Adrenal Axis*. Centro Tlaxcala de Biología de la Conducta, Universidad Autónoma de Tlaxcala, Tlaxcala, México.
7. **Nepomnaschy PA**, Nuñez A (2015) *Evolution, Stress and Women's Reproduction*. Led a 1-day workshop for a graduate-level course on the Biological Bases of Behavior, Centro Tlaxcala de Biología de la Conducta, Universidad Autónoma de Tlaxcala, Tlaxcala, México.
8. **Nepomnaschy PA** (2015) *Stress and women's reproduction what we know and what we don't*. Guest Lecturer in Dr. Angela Brooks-Wilson's BPK807/HSCI891 Chronic Diseases course, Department of Biomedical Physiology and Kinesiology, SFU, Burnaby, BC, Canada.
9. **Nepomnaschy PA** (2015) *Stress and aging: what really matters to a woman*. Reproductive and Developmental Sciences Seminar, UBC Department of Obstetrics and Gynaecology, Vancouver, BC, Canada.
10. **Nepomnaschy PA** (2014) *Effects of Peri-conceptual Stress on Stress Axis Programming*. International Workshop on the Evolutionary Aspects of Child Development and Health, Vancouver, BC, Canada.
11. **Nepomnaschy PA** (2014) *Maternal periconceptual cortisol and children's stress axis function*. Diabetes, Infectious Diseases and Immunology (DIDI) Seminar Series, Child & Family Research Institute, Vancouver, BC, Canada.
12. **Nepomnaschy PA** (2013) *Stress and Women's Reproduction*. Lord Tweedsmuir Secondary School, Surrey, BC, Canada.
13. **Nepomnaschy PA** (2012) *The role of longitudinal changes in maternal stress physiology on stress axis ontogeny*. The Experience-Based Brain and Biological Development Program, Canadian Institute for Advanced Research (CIFAR), Toronto, ON, Canada.

14. **Nepomnaschy PA** (2012) *The role of longitudinal changes in maternal stress physiology on stress axis ontogeny*. Bio-Anthropology Seminar Series, Department of Anthropology, University of Washington, Seattle, WA, USA.
15. **Nepomnaschy PA** (2012) *Stress, Reproduction and development. A life history perspective*. Presentation of the Human Evolutionary Studies Program to the Canadian Institute for Advanced Research (CIFAR), SFU, Burnaby, BC, Canada.
16. **Nepomnaschy PA** (2011) *Stress, Reproduction and Development: A Life History Perspective*. Child & Family Research Institute, Vancouver, BC, Canada.
17. **Nepomnaschy PA** (2011) *Challenges of and strategies for quantitative measurement of physiologic stress in women and men*. Summer Institute Master Class, CIHR Institute of Gender and Health, Vancouver, BC, Canada.
18. **Nepomnaschy PA** (2011) *Assessing physiological stress using cortisol*. CIHR Team Grant Planning Meeting, Child and Family Research Institute, Vancouver, BC, Canada.
19. **Nepomnaschy PA** (2010) *Stress and women's reproduction what we know and what we don't*. Guest Lecturer in Dr. Bernie Crespi's BISC441 Evolution in Health and Disease course. Department of Biological Sciences, SFU, Burnaby, BC, Canada.
20. **Nepomnaschy PA** (2010) *Stress and women's reproduction what we know and what we don't*. FHS 2011 Spring Seminar Series, Faculty of Health Sciences, SFU, Burnaby, BC, Canada.
21. **Nepomnaschy PA** (2009) *Stress and reproductive suppression: pathology or adaptation?* Department of Anthropology, Colorado University, Denver, CO, USA.
22. **Nepomnaschy PA** (2009) *Stress, Reproductive Function, Early Pregnancy... and development?"* Department of Psychology, University of British Columbia, Vancouver, BC, Canada.
23. **Nepomnaschy PA** (2009) *Cross-talk between women's stress and reproductive axes*. Women's Health Research Institute, BC Women's Hospital, Vancouver, BC, Canada.
24. **Nepomnaschy PA** (2009) *Cross-talk between women's stress and reproductive axes*. Centre for Menstrual Cycle and Ovulation Research, Vancouver, BC, Canada.
25. **Nepomnaschy PA** (2008) *Stress as a modulator of women's reproductive function*. Department of Archaeology, SFU, Burnaby, BC, Canada.
26. **Nepomnaschy PA** (2008) *Stress, Reproductive Function, Early Pregnancy... and Beyond*. Developmental Neurogenomics Group, University of British Columbia, Vancouver, BC, Canada.
27. **Nepomnaschy PA** (2008) *Stress, Reproductive Function, Early Pregnancy... and Beyond*. Centre for Community Child Health Research at the Child and Family Research Institute, Vancouver, BC, Canada.
28. **Nepomnaschy PA** (2008) *Stress, Reproductive Function, Early Pregnancy... and Beyond*. Graduate Seminar, Faculty of Health Sciences, SFU, Burnaby, BC, Canada.
29. **Nepomnaschy PA** (2005) *Estrés y Función Reproductiva Femenina: Una Perspectiva Evolutiva*. Universidad Nacional de la Patagonia San Juan Bosco, Chubut, Argentina.
30. **Nepomnaschy PA** (2004) *Stress and female reproduction: Daily variations in urinary cortisol and its association with ovarian function and early pregnancy*. University of Trier, School of Psychobiology, Trier, Germany.

31. **Nepomnaschy PA** (2004) *Stress and reproductive suppression: The critical first three weeks of gestation*. Reproductive Sciences Research Seminars, The University of Michigan, Ann Arbor, MI, USA.
32. **Nepomnaschy PA** (2004) *Adrenal and Ovarian Function in Mayan Women in Rural Guatemala*. Reproductive Sciences Research Seminars, The University of Michigan, Ann Arbor, MI, USA.

Presentations (Abstracts Not Peer-Reviewed)

1. Valeggia C, Phojanakong P, McGuinness C, Salvante K, **Nepomnaschy P** (2013) *Metabolic profiles and self-reported symptoms during the menopausal transition: A cross-population examination*. Sylvan M. Cohen Annual Retreat of the Penn Institute on Aging, Philadelphia, PA, USA.
2. **Nepomnaschy PA** (2012) *Stress, female reproduction, early pregnancy and child development*. Simon Fraser University Health Research Day, Burnaby, BC, Canada.
3. Salvante KG, Brindle E, O'Connor K, McConnell D, **Nepomnaschy PA** (2012) *Validation of a new multiplex assay against individual immunoassays for the quantification of reproductive, stress and energetic hormones in urine specimens*. Simon Fraser University Health Research Day, Burnaby, BC, Canada.
4. Sarkar PL, Chen Y, Salvante KG, Zeng L, **Nepomnaschy PA** (2012) *Are first morning urinary free cortisol and circadian profiles for salivary free cortisol related?* Simon Fraser University Health Research Day, Burnaby, BC, Canada.
5. **Nepomnaschy PA** (2009) *Stress, Female Reproduction, Early Pregnancy and Child Development*. 8th Annual CIHR New Principal Investigators Meeting, Jackson Point, ON, Canada.
6. **Nepomnaschy PA** (2006) *Cortisol levels and very early pregnancy loss*. 7th Annual Women's Health Research, University of North Carolina, Chapel Hill, NC, USA.
7. **Nepomnaschy PA** (2005) *The effects of social and environmental Stressors on women's reproductive Function-* LIFE Academy, Max Planck Institute, Berlin, Germany.
8. **Nepomnaschy PA**, England BG (2004) *Reproductive suppression: The critical process of implantation*. LIFE Academy, The University of Michigan, Ann Arbor, MI, USA.
9. **Nepomnaschy PA**, McConnell D, Welch K, Strassmann BI, England BG (2003) *Daily Stress and Female Reproductive Function in a Mayan Population*. 3rd Biennial Meeting, Society for the Study of Human Development, Cambridge, MA, USA.
10. **Nepomnaschy PA** (2003) *Stress and Reproduction in a Subsistence Population in Rural Guatemala*. LIFE Academy, Max Planck Institute, Berlin, Germany.
11. **Nepomnaschy PA**, McConnell D, Welch K, Strassmann BI, England BG (2003) *Adrenal and Reproductive Hormone Changes in Parous Mayan Women in Rural Guatemala*. Anita Payne Lectureship and Poster Day. Reproductive Sciences Program & Department of Obstetrics and Gynecology, The University of Michigan, Ann Arbor, MI, USA.
12. Capozzo L, Batalles M, Gutierrez S, Alvarez L, **Nepomnaschy PA**, Campagna C (1992) *Arctocephalus Australis. Do Females Prefer Them Strong?* 5th Meeting of Specialists in South American Aquatic Mammals, Buenos Aires, Argentina.

13. **Nepomnaschy PA**, Gonzales A, Musmeci J, Quintana F (1991) *Radio Program: Patagonia al Natural*. Regional Conferences on Environment, Universidad Nacional de la Patagonia, Trelew, Argentina.
14. Dans S, Crespo E, Garcia N, Reyes L, **Nepomnaschy PA**, Koen M (1991) *Biology and Ecology of the Dusky Dolphin (*Lagenorhynchus obscurus*) along the Patagonic Coast. Preliminary notes*. National Conferences on Marine Sciences, Centro Nacional Patagonico & Universidad Nacional de la Patagonia, Puerto Madryn, Argentina.
15. Crespo E, **Nepomnaschy PA**, Koen M, Garcia N (1990) *Preliminary Study of Marine Mammals Diet through Stomach Content and Faeces Analysis*. 4th Meeting of Specialists in South American Aquatic Mammals, Valdivia, Chile.

SELECTED MEDIA COVERAGE

Main media

Parity and Aging (Telomere Length)

- “Do pregnancy and childbirth accelerate aging in women? Maybe.” (S. Bhanoo) *The Washington Post* October 19, 2019. https://www.washingtonpost.com/health/do-pregnancy-and-childbirth-accelerate-aging-in-women-maybe/2019/10/18/635dbd7c-e516-11e9-b403-f738899982d2_story.html
- “The More Children a Woman Has, the More Slowly She Will Age, Study Suggests” *People Magazine* Feb 20, 2019. <https://people.com/parents/study-shows-more-kids-slower-aging/>
- “The Curious Case of Motherhood and Longevity” (O. Campbell) *UnDark.org: Truth, Beauty, Science* July 12, 2017. <https://undark.org/article/curious-case-motherhood-longevity/>
- Our City, Roundhouse Radio (interview with K. LaPointe), January 14, 2016. <http://bit.ly/1n2933I>
- “Study Suggests Having More Children Could Protect Against Aging” (B. Taub) *IFLScience!* January 12, 2016. <http://www.iflscience.com/health-and-medicine/having-more-children-may-protect-against-aging-study-shows>
- The Early Edition, CBC (interview with R. Cluff), January 8, 2016. <http://www.cbc.ca/player/play/2681563826> (starting at 1:20:05)
- The Simi Sara Show, CKNW (interview with S. Sara), January 7, 2016.
- “SFU research suggests a slower aging process for women who have more surviving kids” (C. Smith) *The Georgia Straight* January 7, 2016. <http://www.straight.com/life/610441/sfu-research-suggests-slower-aging-process-women-who-have-more-surviving-kids>

Maternal early post-conceptional cortisol and children’s stress axis activity at age 11

- Mothers' stress from time of conception linked to stress at age 11. *CBC NEWS*, Dec 4, 2018. <https://www.cbc.ca/news/canada/british-columbia/mothers-stress-at-conception-linked-to-child-stress-at-age-11-study-1.4931742>

International Workshop on the Evolutionary Aspects of Child Development and Health (Evo-DOHaD)

- “Peter Gluckman Q&A: Scientists should stick to the facts” (R. Shore) *The Vancouver Sun* June 3, 2014.

<http://www.vancouversun.com/technology/Peter+Gluckman+Scientists+should+stick+facts/9901244/story.html>

- “Effects of maternal diet span more than one generation, new research finds” (R. Shore) *The Vancouver Sun* June 4, 2014.
<http://www.vancouversun.com/health/Effects+maternal+diet+span+more+than+generation+research+finds/9907924/story.html>

Stress and Miscarriage

- “Stressed mothers may risk early miscarriage” (A. Motluk) *New Scientist* February 20, 2006.
<https://www.newscientist.com/article/dn8750-stressed-mothers-may-risk-early-miscarriage/>
- “Stressed women prone to early miscarriages” *United Press International* February 20, 2006.
<http://www.upi.com/NewsTrack/view.php?StoryID=20060220-055626-1640r>
- “Mother’s Stress Could Contribute to Early Miscarriage” (Neil Osterweil, Reviewed by Zalman S. Agus) *MedPage* February 22, 2006.
<http://www.medpagetoday.com/OBGYN/Pregnancy/tb/2730>

Development of new technologies for the real-time quantification of reproductive hormones

- Mobile camera function - the future can support the rapid medical test function. *OMNI Television*, July 4, 2019.
<https://www.omnitv.ca/bc/cmn/videos/%E6%89%8B%E6%A9%9F%E7%85%A7%E7%9B%B8%E5%8A%9F%E8%83%BD-%E6%9C%AA%E4%BE%86%E5%8F%AF%E6%94%AF%E6%8C%81%E5%BF%AB%E9%80%9F%E9%86%AB%E5%AD%B8%E5%8C%96%E9%A9%97%E5%8A%9F%E8%83%BD-bc-2019jul04/>
- SFU researcher uses smartphone technology to improve rural health testing. *CBC NEWS*, June 27, 2019. <https://www.cbc.ca/news/canada/british-columbia/sfu-smartphone-study-health-1.5191938>

Blogs

The Role of Stress in Brain Development. *The DANA Foundation* April 25, 2012.
<http://www.dana.org/news/cerebrum/detail.aspx?id=37188>

Envie d'enfant. *HOSFO NEWS*. February 9, 2012. http://www.hosfonews.com/Envie-d-enfant_a123.html

Human Chorionic Gonadotropin (hCG) in Early Pregnancy – A Review of the Evidence.
http://www.clearblue.com/uk/HCP/pdf/101206_HCG_in_early_pregnancy_-_a_review_of_evidence.pdf

TEACHING EXPERIENCE

New Course Development at SFU (all materials developed *de novo* for both courses)

HSCI 216	Ecological Determinants of Human Growth, Development & Health
HSCI 471/891	Women’s Reproductive Ecology and Health (Seminar)
HSCI 471/891	Ecological Approaches to Human Development (Seminar)
HSCI 461	An Ecological Approach to Women's Reproductive Health
HSCI 462	Stress and Human Development

Course Improvements at SFU

HSCI 100 Human Biology (updates and development of new lectures and assignments)

Teaching

Simon Fraser University

2020 Ecological Determinants of Human Growth, Development & Health (HSCI 216)
2019 Ecological Approaches to Women's Reproductive Health – Special Topics Seminar (HSCI 471/891)
2019 HSCI 216
2018 HSCI 216
2017 HSCI 471/891, Directed Studies in Health Sciences (HSCI 488)
2016 HSCI 216
2015 HSCI 216, Stress and Human Development – Special Topics Seminar (HSCI 471/891)
2014 HSCI 216, HSCI 488, Honours Research Proposal (HSCI 490)
2013 HSCI 216 (x2), HSCI 488 (x2), Honours Thesis (HSCI 493), Undergraduate Research in Biological Sciences II (BISC 499)
2012 HSCI 216, HSCI 488, HSCI 490, HSCI 493, Honours Independent Laboratory Research (HSCI 494)
2011 HSCI 216, HSCI 490, HSCI 494, BISC 499
2010 HSCI 216 (x2), Women's Reproductive Ecology and Health – Special Topics Seminar (HSCI 471/891)
2009 Human Biology (HSCI 100), HSCI 216
2008 HSCI 100 (x2)

The University of Michigan

2000 Primatology, Graduate Student Instructor (Anthropology)
1999 Biology, Society and Culture, Graduate Student Instructor (Anthropology)
1998 Biological Anthropology, Graduate Student Instructor (Anthropology)
1996 Biological Anthropology, Graduate Student Instructor (Anthropology)
1998 Evolution and Human Behavior, Graduate Student Instructor (Biology)
1997 Bio-Psychology, Graduate Student Instructor (Psychology)
1997 Wildlife Behavioral Ecology, Graduate Student Instructor (School of Natural Resources & Environment)

Universidad Nacional de la Patagonia San Juan Bosco, Argentina

1996 Evolution and Genetics, Graduate Student Instructor (Biology)
1992-94 Introduction to Philosophy of Science, Graduate Student Instructor (Biology)
1992-94 Introduction to Geology, Undergraduate Student Instructor (Biology)

Invited Guest Lectures

- 2015 *Ecophysiology of stress in humans*. Led a 1-day workshop with Dr. Alejandra Nuñez (Universidad Veracruzana, México) for a graduate-level course on the Biological Bases of Behavior, Centro Tlaxcala de Biología de la Conducta, Universidad Autónoma de Tlaxcala, Tlaxcala, México.
- 2015 *Stress and women's reproduction what we know and what we don't*. BPK807/HSCI891 Chronic Diseases, Department of Biomedical Physiology and Kinesiology, SFU, Burnaby, BC, Canada.
- 2010 *Stress and women's reproduction what we know and what we don't*. Guest Lecturer in Dr. Bernie Crespi's BISC441 Evolution in Health and Disease course. Department of Biological Sciences, SFU, Burnaby, BC, Canada.

CURRENT STUDENT AND TRAINEE ADVISING

I currently supervise 1 Research Associate (Katrina Salvante) and am the senior supervisor for 2 PhD students, 1 MSc student, 1 BSc Honours student (preparing this semester for formal start in Fall 2020), and 3 undergraduate research volunteers. I also serve as a committee member for 2 PhD students.

Senior Supervisor - PhD Students

- Rowlands, Amanda. "Associations between hypothalamic-pituitary-adrenal axis activity and sleep patterns across women's reproductive trajectories" PhD Thesis, Faculty of Health Sciences, Simon Fraser University. September 2018 - present. (Awarded an NSERC Alexander Graham Bell Canada Graduate Scholarship - Masters 2018; Awarded a Vanier Doctoral Award 2020)
- Jannat, Khandaker (Shoshi). "Energetic status as a modulator of the transition from post-partum amenorrhea to the resumption of ovarian cycling" PhD dissertation, Faculty of Health Sciences, Simon Fraser University. September 2016 – present [on leave].

Senior Supervisor - MSc Students

- Prescivalli Costa, Ana Paula. "The influence of immune challenges on the timing of puberty" MSc Thesis, Faculty of Health Sciences, Simon Fraser University. September 2017 – present (expected defense: July 2020)

Senior Supervisor - Undergraduates Honours Thesis

- Juergensen, Emma. Tentative topic: "Women's metabolic energy profiles during the peri-conceptional period and their relationships with pregnancy outcomes" Faculty of Health Sciences, Simon Fraser University, May 2020 – present. (Undergraduate research volunteer since July 2018)

Senior Supervisor - Undergraduate Research Volunteers

- Akindele, Precious. Faculty of Health Sciences, Simon Fraser University, January 2020 - present
- Hakak-Zargar, Benyamin. Faculty of Health Sciences, Simon Fraser University, July 2018 - present.
- Ly, Mark. Faculty of Health Sciences, Simon Fraser University, July 2018 - present.

Committee Member – PhD Students

Dinsdale, Natalie. “Bridging the Body & Mind: Evolved Determinants of Female Health & Disease” Biological Sciences, Simon Fraser University, September 2017 - present.

Domínguez, Genoveva Genyen Reyes. “The effects of stress and chronic malnutrition on cognitive development in a marginal rural community of Veracruz, México” Instituto de Investigaciones Psicológicas, Universidad Veracruzana, Campus Xalapa, México, September 2016 - present.

PREVIOUS STUDENT ADVISING

I was the senior supervisor for 1 PDF, 2 visiting PhD students, 1 MSc student, 6 MPH students, 9 undergraduate directed research project students (including 3 BSc Honours) and 11 undergraduate research volunteers. I also served as a co-supervisor for 1 PhD and 2 MSc students and a committee member for 3 PhD students, 2 MA students and 1 BSc Honours student.

Senior Supervisor - Post-doctoral Research Fellow

Barha, Cindy. “Periconceptional cortisol levels and stress axis ontogenesis and post-natal functioning” Faculty of Health Sciences, Simon Fraser University. CIHR Postdoctoral Fellow. January 2013-August 2015.

Co-Supervisor - PhD Student

McKerracher, Luseadra. “Cooperative Breeding, Energetics, and the Origins of Relatively Early Weaning in Humans” PhD dissertation, Department of Archaeology, Simon Fraser University. June 2009 – April 2016.

Senior Supervisor - Visiting PhD Students

Nascimento Araújo, Marie Antonieta (Co-Chair) “Yoga as an Integrative Complementary Practice to Protect Pregnant Adolescents’ Mental Health” Escola Bahiana de Medicina e Saúde Pública, Brazil, January 2016 – 2018.

Cardona Moran, Sayra Mallari. “Investigation of how maternal social and physiologic stress experienced during the weeks immediately following conception affect children’s developmental trajectories” Emerging Leaders in the Americas Program (ELAP). Visiting from Applied Psychology, Facultad de Ciencias Sociales, Universidad del Valle de Guatemala. February 2017–July 2017.

Committee Member – PhD Students

Spake, Laure “Using anthropometrics and dental formation stages of contemporary children to investigate the impact of biological mortality bias on interpretations of past population health” PhD dissertation, Department of Archaeology, Simon Fraser University. September 2017 - May 2020.

Nascimento Araújo, Marie Antonieta (Co-Chair) “Yoga as an Integrative Complementary Practice to Protect Pregnant Adolescents’ Mental Health” Escola Bahiana de Medicina e Saúde Pública, Brazil, January 2016 – 2018.

Cardona Moran, Sayra Mallari. “Investigation of how maternal social and physiologic stress experienced during the weeks immediately following conception affect children’s developmental trajectories”

Applied Psychology, Facultad de Ciencias Sociales, Universidad del Valle de Guatemala. January 2017 – 2018.

Senior Supervisor - MSc Students

Hoi, Amber Gigi. “A Behavioral Ecology Approach to Trade-offs in Reproduction: Modeling Women's Reproductive Strategies and Empirical Studies of Post-partum Amenorrhea” MSc thesis, Faculty of Health Sciences, Simon Fraser University. January 2013–August 2016.

Senior Supervisor - Master of Public Health (MPH) Students

Thakur, Saara MPH thesis TBA, Faculty of Health Sciences, Simon Fraser University. September 2018-April 2020.

Kilius, Erica. “The influence of stress and energy metabolism on fecundability” MPH thesis, Faculty of Health Sciences, Simon Fraser University. September 2016 – April 2018.

Douglas, Amelia. MPH non-thesis, Faculty of Health Sciences, Simon Fraser University. September 2015-August 2017.

Narayan, Swastika. “Disease surveillance and control” MPH thesis, Faculty of Health Sciences, Simon Fraser University, September 2012-December 2014.

Gouchie, Sarah. “Needs Assessment of Adolescent Reproductive Health Services in Jinja, Uganda” MPH thesis, Faculty of Health Sciences, Simon Fraser University, September 2011-December 2013.

Watterson, Rita. “Explaining acute stress reactivity: an analysis of gender, cortisol and discourse” MPH thesis, Faculty of Health Sciences, Simon Fraser University, September 2009-December 2011.

Co-Supervisor - MSc Students

Cao, Zhendong. “Quantitative measurements of biological/chemical concentrations using smartphone cameras” MSc thesis, School of Engineering Science, Faculty of Applied Sciences, Simon Fraser University. Main Advisor: MA Parameswaran. Sept 2016 – Dec 2018.

Ogirala Teja. “Smartphone based colorimetric ELISA implementation for determination of steroid hormone profiles” MSc thesis, School of Engineering Science, Faculty of Applied Sciences, Simon Fraser University. Main Advisor: MA Parameswaran. January 2016 – December 2017.

Committee Member – MA Students

McKerracher, Luseadra. “An Assessment of the Impact of Population History and Risk on Human Weaning Behaviour” MA thesis, Department of Archaeology, Simon Fraser University, defended 2009.

Sumra, Monika. “Superwoman Syndrome (SWS): Developing a Model for Understanding Stress as an Outcome of Multiple-Role Engagement” MA thesis, Department of Social Sciences, University of Toronto – Scarborough, defended 2013.

Senior Supervisor - Undergraduates Honours Thesis

Gerayeli, Firoozeh. “Protocols for diagnosing sub- and infertility” Faculty of Health Sciences, Simon Fraser University, Fall 2014-Spring 2016.

Pyles, Chelsea. “Description of cortisol profiles during the peri-conceptual period.” Faculty of Health Sciences, Simon Fraser University, Summer 2013.

Sarkar, Phoebe. “Longitudinal assessment of cortisol levels: first morning urine or saliva?” Faculty of Health Sciences, Simon Fraser University, Summer 2012.

Committee Member - Undergraduates Honours Thesis

Chow, Natalie. “Sex differences in fetal development strategies”, Biological Sciences, Simon Fraser University. Main Advisor: J Christians. January 2019 – September 2019.

Senior Supervisor - Undergraduate Directed Research Projects

Henry, Drake. “Relationships between measures of body condition in humans - Anthropometry, impedance and metabolic hormone levels” Faculty of Health Sciences, Simon Fraser University, Summer-Fall 2017.

Rapaport, Tomas. “Socio-Ecology of Women’s Reproduction: Evaluating the Prevalence of Anovulatory Cycles” Faculty of Health Sciences, Simon Fraser University, Spring – Summer 2016. (Awarded an SFU VPR USRA for Summer 2016) (Awarded the SFU Health Sciences Award for Citizenship and Exemplary Academic Performance 2017) 14

Mohtadi, Nazanin. “DHEA(S) and the transition to puberty” Faculty of Health Sciences, Simon Fraser University, Summer – Fall 2016.

Rapaport, Tomas. “Early post-conceptual stress, the pace of cellular aging and children’s post-natal growth, development and health” Faculty of Health Sciences, Simon Fraser University, Spring-Fall 2015. (Awarded an SFU VPR USRA for Summer 2015)

Gerayeli, Firoozeh. “Associations between anthropometry and the length of the post-partum amenorrhic period” Faculty of Health Sciences, Simon Fraser University, Spring 2014.

Mohtadi, Nazanin. “Stress and family planning practices” Faculty of Health Sciences, Simon Fraser University, Spring 2014.

Gerayeli, Firoozeh. “Comparison of early pregnancy tests for the very early detection of pregnancy: Quantification of human chorionic gonadotropin (hCG)” Faculty of Health Sciences, Simon Fraser University, Summer 2013.

Venditti-Closson, Kalysha. “The role of early maternal stress on methylation patterns and the programming of the stress axis in their children” Faculty of Health Sciences, Simon Fraser University, Summer 2013.

Morgan-Feir, Ciara. “Exploring the effects of stress on reproductive aging in women” Department of Biological Sciences, Simon Fraser University, Summer 2013.

Pyles, Chelsea. “Measuring cortisol in infants: Integrative circadian measurements” Faculty of Health Sciences, Simon Fraser University, Spring 2012.

Majd, Maryam. “Hormone profiles across reproductive transitions in women” Department of Biological Sciences, Simon Fraser University, Summer 2011.

Senior Supervisor - Undergraduate Research Volunteers

Rapaport, Tomas. Faculty of Health Sciences, Simon Fraser University, July 2017 – April 2019

Villasenor, Fernando (co-supervisor with Dr. Rachel Altman) Dept Statistics and Actuarial Science, Simon Fraser University, July 2018 – April 2019

Henry, Drake. Faculty of Health Sciences, Simon Fraser University, July 2016 – April 2019.

Gallego, Felipe. Faculty of Health Sciences, Simon Fraser University, July 2018 – April 2019.

Dang, Tova. Faculty of Health Sciences, Simon Fraser University, July 2016 – August 2018.

Rowlands, Amanda. Faculty of Health Sciences, Simon Fraser University, July 2018 – August 2018.

Mah, Cassandra. Faculty of Health Sciences, Simon Fraser University, July 2016 to April 2017.

Canning, Patrick. Biological Sciences and Training for Aboriginal Youth in Biomedical Labs (TABYL) Program, Simon Fraser University, September 2014-August 2016.

Lam, Stephanie. Faculty of Health Sciences, Simon Fraser University, May to December 2016.

Sangha, Sukhi. “Maternal stress and fetal development” Faculty of Health Sciences, Simon Fraser University, January to December 2012.

Drasic, Katherine. “Pathology or adaptations?” Faculty of Health Sciences, Simon Fraser University, July 2011 to April 2012.

Sarkar, Phoebe. “Endocrine correlates of stress and reproductive function in women” Faculty of Health Sciences, Simon Fraser University, March 2009 to April 2011.

Koshnood, Neda. “Stress across reproductive transitions” Faculty of Health Sciences, Simon Fraser University, March 2009 to April 2010.

Cuellar, Edith. “Social stressors in a Mayan population” Faculty of Health Sciences, Simon Fraser University, March 2009 to August 2010.

External Examiner - MPH Thesis Defenses

Collins-Fairclough, Aneisha “Intervals of 12 months and 36-96 months are Non-Inferior to 6 months in HPV16/18 Antibody Response: Findings of a Systematic Review and Meta-Analysis of Two-Dose HPV Vaccine Schedules with Intervals of Six Months or Longer” Capstone – External Reader Faculty of Health Sciences, Simon Fraser University, defended April, 2020.

Tavallae, Mahkam. “Prevalence Of Menstrual Pain And Associated Risk Factors Among Iranian Women” MPH thesis, Faculty of Health Sciences, Simon Fraser University, defended 2009.

Ferlatte, Olivier. “Informing the Development of a Prevention Intervention Targeting Men Who Have Sex with Men (MSM) with Acute HIV Infection” MPH thesis, Faculty of Health Sciences, Simon Fraser University, defended 2008.

Chair - PhD Dissertation Defenses

Josewski, Viviane “Moving towards Cultural Safety in Mental Health and Addiction, Contracting for Urban Indigenous Peoples: Lessons from British Columbia” PhD Dissertation, Faculty of Health Sciences, Simon Fraser University, defended January, 2020

Cheng, Tessa “Nonmedical Prescription Opioid Initiation, Ongoing Use, and Related Overdose Among People who use Drugs in Vancouver, Canada” PhD Dissertation, Faculty of Health Sciences, Simon Fraser University, defended December, 2018.

Puskas, Cathy. “Women and antiretroviral therapy adherence: Examining the impact of internalized stigma by gender” PhD Dissertation, Faculty of Health Sciences, Simon Fraser University, defended September, 2016.

Dembo, Mana. “Exploring morphological phylogenetics of fossil hominins” PhD Dissertation, Department of Archaeology, Simon Fraser University, defended May, 2016.

Chair - MSc/MPH Thesis Defenses

Grenon, Lee. “Persistent Organic Pollutants and Type 2 Diabetes Mellitus” MSc thesis, Faculty of Health Sciences, Simon Fraser University, defended November, 2013.

Lazarus, Lisa. “Examining the role of CBOS in peer support, access to care and treatment adherence for people living with HIV/AIDS in Mysore, India” MPH thesis, Faculty of Health Sciences, Simon Fraser University, Chair, defended 2010.

Racey, Sarai. “Patient Comprehension of HIV antiretroviral drug Resistance: Implications for Treatment and Clinical Practice” MPH thesis, Faculty of Health Sciences, Simon Fraser University, defended 2009.

SERVICE TO SIMON FRASER UNIVERSITY

Simon Fraser University at large

- **Member of the Senate Policy Committee on Scholarships, Awards and Bursaries** (Jan 2018-present)
- **Member of the Tenure and Promotion Committee**, Dept of Archaeology (2016 - 2017)
- **Orientation Mentor for SFU Orientation Mentorship Program** (2012)
- **Reviewer for the Special Arrangements PhD program** as requested per Vice-President, Academic and Provost Jonathan C. Driver (one application) (2009)

Faculty of Health Sciences

- **Administrative Lead Research Challenge Area: Optimizing developmental trajectories across the life course; Intersecting social, environmental and biological influences and interventions affecting health and well-being across the human life span** (2018-present)
- **University Senator** for FHS (2017-present)
- **Member of the Awards Steering Committee** (2014-2016)
- **Member of the Faculty Search Committee for a tenured track position in Epigenetics and Developmental Origins of Health and Disease** (cross-appointment with the Child & Family Research Institute at BC Children’s Hospital) (Dec 2015- June 2016)
- **Member of the Tenure and Promotion Committee** (May 2015-April 2016; **Alternate Member** May 2014-April 2015 and May 2011-April 2012)
- **Member of the Faculty Search Committee for a tenured track position in Health Economics** (2015)
- **Member of the Faculty Executive Council (FEC)** (2012-2014)

- **Speaker** at the “Engaging the Health of the World” FHS recruiting event (2014)
- **Coordinator** of the emerging **Child Health Cluster** (2012-2013)
- **Member** of the Faculty Search Committee for a **Financial & Budget Coordinator** (2013)
- **Member** of the **Mowafghian's Endowment to Support Child Health Committee** (2011-2012)
- **Ad Hoc reviewer** for the **MSc Admissions Committee** (2012)
- **Member** of the **Student’s Travel and Minor Awards Review Committee** (2010 and 2012)
- **Member** of the **MPH Admissions Committee** (2011)
- **Member** of the Faculty Search Committee for a **Tier-2 CRC in Mammalian Developmental Biology** (2009-2010)
- **Member** of the **PhD Program Proposal Committee** (2008-2010) (FHS PhD Program approved by the B.C. Ministry of Advanced Education on July 20, 2011)
- **Member** of the **MSc Program Proposal Committee** (2008-2009)
- **Member** of the **Graduate Studies Committee** (Jan-Oct 2008)
- **Adjudicator** for the **FHS Community Health Practice Awards** (2008)
- **Reviewer** for the first round of applications for the **MPH Admissions Committee** (2008)

SERVICE TO THE ACADEMIC COMMUNITY AT LARGE

Advisory Committee Memberships

- **Advisory Member** of the Comité para la Vigilancia de la Muerte Perinatal y Neonatal Tardia del VII Distrito de Salud, Solola, Guatemala [Committee for the Monitoring and Prevention of Perinatal and Late Post-natal Child Mortality for the VII Health District, Solola, Guatemala] (2016-present)

Leading roles in Academic/Research Societies

- **International Liaison**, Human Biology Association (2016-present)
- **Representative for British Columbia**, DOHaD Canada Association Council (2015-present)
- **Member** of the President’s Nominating Committee, Canadian Association of Physical Anthropology (2015)

Funding Application Peer Reviewer

- **Natural Sciences and Engineering Research Council (NSERC)** of Canada, (Discover Grant – Ad-hoc External Reviewer) (2018-2019)
- **National Science Centre of Poland** (OPUS Funding Scheme – Ad-hoc External Reviewer) (2018)
- **College of Reviewers**, Canadian Institutes of Health Research, Canada (2017-present)
- **Medical Research Council**, UK (2015)

- **National Science Foundation**, USA (Anthropology, Ad-hoc External Reviewer) (2007-2010)
- **Michael Smith Foundation for Health Research**, Canada (2009-2011)

Conference and Symposium Organizer

- **Vice-Chair, Organizing Committee**, DOHaD International Congress 2021 (2019-2022), Vancouver, Canada.
- **Convenor** DOHaD Panel, Canadian National Perinatal Research Meeting (CNPRM) 2019, Mont-Tremblant, Quebec, Canada.
- **Co-Organizer** 2019 Scientific Meeting of Canadian DOHaD Society, Mont-Tremblant, Quebec, Canada.
- **Symposium Organizer and Speaker**, “*Stress Across the Lifespan*” Symposium Human Behavior and Evolution Society Conference, Vancouver, BC, Canada (29 June – 2 July 2016).
- **Co-Organizer**, 28th Annual Human Behavior and Evolution Society Conference, Vancouver, BC, Canada (29 June – 2 July 2016).
- **Chair (Invited)** of the “Human Biology: Nutrition and Variation Panel” at the Annual Meeting of the American Association of Physical Anthropologists, Atlanta, GA, USA, Apr 15, 2016.
- **Co-Organizer and Speaker**, International Workshop on the Evolutionary Aspects of Child Development and Health. Vancouver, BC, Canada (3-5 June 2014)
- **Co-Organizer and Discussant**, Interrogating DOHaD (Developmental Origins of Health and Disease). Peter Wall Institute for Advanced Research Exploratory Workshop, Vancouver, BC, Canada (7-9 February 2014)
- **Symposium Co-Organizer and Chair**, “*Current Research in Human Biology*” Symposium, Canadian Association for Physical Anthropology (2012)
- **Symposium Co-Organizer and Co-Chair**, “*Not by Bread Alone: Non-Caloric Determinants of Life History Strategies*” Symposium of the 81st Annual Meeting of the American Association of Physical Anthropologists. Portland, Oregon, USA (2012)
- **Co-Organizer**, Annual Meeting of the Canadian Association of Physical Anthropologists at Simon Fraser University, Vancouver, BC, Canada (2009)
- **Organizer and Chair**, Human Biology Panel at the Annual Meeting of the Canadian Association of Physical Anthropologists. Vancouver, BC, Canada (2009)
- **Co-Organizer and Co-Chair**, “*Evolutionary Endocrinology: Integrating Proximate Mechanisms, Ontogeny and Evolved Function*” Plenary session of the 33rd Annual Meeting of the Human Biology Association. Columbus, Ohio, USA (2008)
- **Organizer and Chair**, “*Stress and Reproduction: From Sexual Dysfunction to Spontaneous Abortion*” Symposium for the World Congress of Stress, Budapest, Hungary (2007)

Conference Abstract Reviewer

- **Member**, Reproductive Sciences Committee, Canadian National Perinatal Research Meeting (2017-2018)

Panelist

- **Panelist** at the Student Reception at the annual meeting of the Human Biology Association (students select the guest panelists for this event) (2009, 2010, 2011, 2012, 2015, 2017, 2018, 2019)

Editorial Responsibilities

- **Academic Editor, Editorial Board** for PLoS ONE (July 2018 – Present)
- **Editorial Board member** for Annals of Human Biology (Aug 2017 - Present)
- **Editorial Board member** for Adaptive Human Behavior and Physiology (Sept 2016 – Aug 2018)
- **International Editorial Board member** for the Journal of Developmental Origins of Health and Disease (Jan 2014 – Present)
- **Guest editor** for the American Journal of Human Biology (Issue 21(6)): Publication of the plenary presentations from the 2008 Meeting of the Human Biology Association (2009)
- **Guest member** at the 40th Annual Meeting of the Editorial Committee Annual Review of Anthropology (2009)

Journal Peer Reviewer

- Adaptive Human Behavior and Physiology
- American Journal of Epidemiology
- American Journal of Human Biology
- American Journal of Physical Anthropology
- Annals of Human Biology
- Animal Behaviour
- Annual Review Anthropology
- Biological Psychology
- Clinical and Investigative Medicine
- Current Anthropology
- Developments in Primatology: Progress and Prospects
- Epidemiology
- Human Nature
- Human Reproduction Update
- Journal of Developmental Origins of Health and Disease
- Journal of Personality and Social Psychology
- PLoS ONE
- Proceedings of the Royal Society of London Series B
- Psychoneuroendocrinology
- Psychological Medicine

- Reproductive Biology and Endocrinology
- Reproductive BioMedicine Online
- Scandinavian Journal of Clinical and Laboratory Investigation
- Social Sciences and Medicine

Peer Review of Chapters in Edited Volumes

- **Book Title:** *Building Babies: Primate Development in Proximate and Ultimate Perspective (Developments in Primatology: Progress and Prospects)* (2012) K. Clancy, K. Hinde, J. Rutherford, Eds. Springer, New York.

SERVICE TO SOCIETY AT LARGE

- **Invited speaker at University Highlands Elementary School**, Burnaby, BC, Canada. Presented “What is science, and what is it good for?” (2015)
- **Participant in the Free the Children SFU Halloween Dress-Up Fundraiser**, Burnaby, BC, Canada (2014)
- **Invited speaker at the Smackdown Faculty Debate** to raise awareness and funds on behalf of the United Way Lower Mainland, SFU, Burnaby, BC, Canada (2014)
- **Invited speaker at Lord Tweedsmuir Secondary School**, Surrey, BC, Canada. Presented “Stress and Women’s Reproduction” (2013)
- **Moderator for Philosophers’ Café: Evolution, Greed and Society**, Burnaby, BC, Canada (2011)
- **Creator and promoter of the fund to send a Mayan Kakchiquel woman from Guatemala to Medical School.** A project aimed to strengthen the social position of indigenous women, reduce sexism and reduce women’s morbidity and mortality. Asociación Amigos de la Escuela, Guatemala (2001-2003)
- **Co-producer of four TV educational advertisements on the protection of fauna.** Fundacion Patagonia Natural and the Government of Chubut Province, Argentina (1990-1991)
- **Co-producer of a series of educational radio programs.** Fundacion Patagonia Natural, Argentina (1989-1991)
- **Fauna Conservation Speaker for Elementary Schools.** Volunteer for Fundacion Patagonia Natural, Chubut, Argentina (1989-1990)

PROFESSIONAL MEMBERSHIPS

- American Anthropological Association
- American Association of Physical Anthropologists
- BC Environmental and Occupational Health Research Network
- Canadian Association of Physical Anthropology
- Centre for Human Evolution, Cognition, and Culture (UBC-SFU)
- Child & Family Research Institute (Vancouver, BC, Canada)

- DOHAD - International Society for Developmental Origins of Health and Disease
- DOHAD Canada (Founding Member and BC Representative)
- Guatemalan Scholars Network
- Human Early Learning Partnership
- Human Evolutionary Studies Program (SFU)
- Human Biology Association
- International Society for Evolution, Medicine and Public Health (ISEMPH)
- Women's Health Research Cluster, University of British Columbia
- Women's Health Research Institute (Vancouver, BC, Canada)