

SERA L. YOUNG

515 Clark Street, Evanston, IL 60208 T 607.351.0172 ::
sera.young@northwestern.edu :: www.serayoung.org

CURRENT APPOINTMENT

Northwestern University, Evanston, IL :: Department of Anthropology & Institute for Policy Research, Assistant Professor— August 2016-present

PREVIOUS APPOINTMENTS

Cornell University, Ithaca, NY :: Department of Population Medicine and Diagnostics, Assistant Professor of Global Health and Nutrition— August 2015-July 2016

Cornell University, Ithaca, NY :: Division of Nutritional Sciences, Research Scientist — July 2011-July 2015

University of California, San Francisco :: Department of Obstetrics, Gynecology, and Reproductive Sciences, Reproductive Infectious Diseases Fellow — 2010-2011

University of California, Davis, CA :: Department of Pediatrics, Assistant Researcher — 2008-2011

University of California, Berkeley, CA :: School of Public Health, Assistant Researcher — 2008

EDUCATION

Cornell University :: Ithaca, NY — 2003-2008

PhD in Nutritional Anthropology. Division of Nutritional Sciences. Chair: Gretel Pelto, Professor of Nutritional Anthropology.

University of Amsterdam :: Amsterdam, the Netherlands — 2001-2002

MA in Medical Anthropology. Highest Honors. Advisor: Sjaak van der Geest.

Taasisi Institute of Kiswahili and Foreign Languages :: Zanzibar, Tanzania — 2000

Introduction, Intermediate, and Advanced Swahili Courses.

University of Michigan :: Ann Arbor, MI — 1995-1999

BA in Anthropology. High Honors. Secondary Level Teaching Certificate.

Katholieke Universiteit of Leuven :: Leuven, Belgium — 1996-1997

Junior Year Abroad Program through the University of Pennsylvania.

United World College of the Atlantic :: Wales, UK — 1993-1995

International Baccalaureate.

CURRENT SUPPORT

National Institute of Mental Health (NIMH) :: R21 “Health Consequences of Water Insecurity for HIV+ Women & Their Infants” — 2016-2018 (PI \$337,214)

McKnight Foundation :: “Singida Nutrition and Agroecology Project (SNAP)” — 2015-2018 (co-PI, \$600,000)

Atkinson Center for Sustainable Future Venture Fund :: A novel assay for simultaneous multiplex detection of diarrhea-causing viruses, bacteria, and protozoa in drinking water and deployment in Kenyan and Honduran households — 2015-2017 (co-PI, \$132,558)

National Institutes of Health (NIMH) :: K01 Health Consequences of Food & Nutrition Insecurity for HIV+ Women & Their Infants — 2012-2017 (PI, \$853,970)

Atkinson Center for Sustainable Future Venture Fund :: Healthy Soil + Fertile Land + Food Security — 2014-2016 (co-I, \$143,344)

PENDING

Innovative Metrics in Nutrition and Agriculture (IMMANA):: “A novel tool for the assessment of household-level water insecurity: scale refinement, validation, and manual development” (PI, \$359,625)

COMPLETED GRANTS AND FELLOWSHIPS

CARE/Atkinson Center for Sustainable Future Impact through Innovation Fund :: A pilot study of the effects of performance-based incentives on the provision of PMTCT services in Inhassoro District, Inhambane Province, Mozambique — 2012-2014 (PI, \$200,000)

Seed Grants for Collaborations Between Cornell University-Ithaca and Weill Cornell Medical College Faculty :: Food insecurity as a novel diagnostic screening tool for poor nutritional and psychosocial outcomes among HIV-infected and -uninfected lactating Ugandan women and their infants — 2013-2014 (PI, \$50,000)

Cornell Population Center :: “Development of appropriate methodologies for estimating dietary intake among nutritionally vulnerable women and infants in rural and peri-urban Kenya” — 2013-2014 (PI, \$2,500)

Pears Seed Grant Program, Faculty of Medicine, Hebrew University :: Food Insecurity and Nutritional status of patients Infected with Tuberculosis and Human Immunodeficiency Virus in Gulu, Northern Uganda — 2013-2014 (co-I, \$5,500)

National Institutes of Health (NICHD) :: P01 Novel Strategies to Prevent Malaria and Improve HIV Outcomes in Africa — 2011-2013 (sub-contract PI, \$63,700)

National Institutes of Health (NIMH) :: R21 Agricultural Intervention to Improve Health of HIV-affected Children in Kenya — 2011-2013 (consultant)

Campbell Foundation :: Clinical study of Flash heating breastmilk to decrease morbidity, improve growth, and reduce HIV transmission in HIV-exposed infants — 2010-2011 (Co-PI, \$50,000)

National Institutes of Health (NICHD) :: R34 Planning grant to fund the preparation of a large multi-disciplinary study of Flash-heating of breastmilk by HIV+ women to prevent mother-to-child transmission of HIV — 2010-2011 (Co-I \$63,700)

National Institutes of Health Reproductive Infectious Disease Fellowship (NIAID) :: Post-doctoral trainee on T32 Institutional Research Service Award, University of California — 2010-2011

Thrasher Research Fund :: Early Career Award — 2009-2010 (PI, \$26,000)

American Psychological Association :: HIV Cybermentor Travel and Research Award — 2009-2011

Population Center Research Award :: UC Berkeley — 2009 (Co-PI)

Wenner Gren Foundation :: Hunt Postdoctoral Fellowship — 2009 (PI, \$19,998)

Robert Wood Johnson Foundation :: Health Disparities Small Grant — 2008 (co-PI, \$10,000)

University of California Institute for Mexico and the United States (UC MEXUS) :: Pilot grant — 2008 (Co-PI, \$1,500)

University of California, Berkeley :: Professional Development Grant — 2008

National Institutes of Health Pre-doctoral Trainee (NICHD) :: Pre-doctoral trainee on T32 Institutional Research Service Award, Cornell University — 2005-2007

Park Avenue Financial :: “Investing in Others” Scholarship :: — 2006

Fulbright Scholarship :: Tanzania — 2005-2006 (Declined, duplicate funding)

Division of Nutritional Sciences Small Grant :: Cornell University — 2004, 2005, 2007

Mario Einaudi International Research Travel Grant :: Cornell University — 2004, 2005

Flora Rose Fellowship :: Cornell University — 2004

Sigma Xi Research Grant :: Cornell University — 2004

National Science Foundation Graduate Fellowship Honorable Mention :: Cornell University— 2004

Rotary Cultural Ambassador Scholarship :: Taasisi Institute of Swahili, Zanzibar, Tanzania — 2000

A W A R D S

Margaret Mead Award :: American Anthropological Association and the Society for Applied Anthropology — 2013

In recognition of exemplary skills in broadening the impact of anthropology.

Dissertation Award :: Society for Medical Anthropology — 2009

In recognition of the outstanding dissertation in the field of medical anthropology.

Allan Rosenfield Scholar & New Investigator in Global Health :: Global Health Council — 2009

For outstanding research on reproductive and family health.

Distinguished Poster :: International Congress of Nutrition — 2009

Young, S.L., Chantry, C., Ngonyani, M., Israel-Ballard, K., Ash, D., Nyambo, M. Flash-heating breastmilk is feasible in Dar es Salaam Tanzania.

Sugar Award:: One Laptop Per Child — 2007

For the development of the best educational children’s software.

Rudolf Virchow Award :: Honorable Mention : American Anthropological Association — 2003

Presented by the Society for Medical Anthropology for advancing critical perspectives in medical anthropology.

Christine Wilson Award :: American Anthropological Association — 2002

Presented by the Council on Nutritional Anthropology.

Student-Intern Teacher of the Year Honorable Mention :: State of Michigan — 1999

For the demonstration of outstanding potential as an educator.

PUBLICATIONS

PEER-REVIEWED ARTICLES (**Graduate/medical student advisee, *Undergraduate advisee)

1. Krumdieck, N.,** Collins, S.,** Wekesa, P., Mbullo, P., Boateng, G., Onono, M., **Young, S.L.** (2016) Household water insecurity is associated with a range of negative consequences among pregnant Kenyan women of mixed HIV status. *Journal of Water and Health*, accepted.
2. Achan, J., Kakuru, A., Ikilezi, G., Mwangwa, F., Plenty, A., Charlebois, E., **Young, S.L.**, Havlir, D., Kanya, M., Ruel, T. (2016) Growth recovery among HIV-infected children randomized to Lopinavir/ritonavir or Non-nucleotide reverse transcriptase inhibitor-based antiretroviral therapy. *Pediatric Infectious Disease Journal*, accepted.
3. Williams, A.,** Chantry, C., **Young, S.L.**, Achando, B.S., Allen, L.H., Arnold, B.A., Colford, J.M., Dentzl, H.N., Hampel, D., Kiprotich, M., Lin, A., Null, C., Nyambane, G., Shabab-Ferdows, S., Stewart, C. (2016) Breastmilk vitamin B-12 concentrations are low and are not associated with reported household hunger, recent animal source food or vitamin B-12 intake among women in rural Kenya. *Journal of Nutrition*, accepted.
4. Seim, G., Tako, E., Ahn, C., Glahn, R., **Young, S.L.** (2016) A Novel in Vivo Model for Assessing the Impact of Geophagic Earth on Iron Status. *Nutrients*, <http://www.sciencedirect.com/science/article/pii/S2211912415300109>
5. Schuster, R.,** McMahon, D.,* **Young, SL.** (2016) A comprehensive review of the barriers and promoters health workers experience in delivering prevention of vertical transmission of HIV services in sub-Saharan Africa. *AIDS Care*. <http://doi.org/10.1080/09540121.2016.1139041>
6. Williams, A.,** Chantry, C., Geubbels, E., Ramaiya, A.,** Shemdoe, A. Tancredi, D., **Young, SL.** Breastfeeding and Complementary Feeding Practices among HIV-Exposed Infants in Coastal Tanzania. (2016), 32(1), 112–122. *Public Health Nutrition*. <http://doi.org/10.1177/0890334415618412>
7. Martin, S.,** Seim, G.,* Wawire, S., Chapleau, G., **Young, S.L.**, Dickin, K. (2016). Translating Formative Research Findings into a Behavior Change Strategy to Promote Antenatal Calcium and Iron and Folic Acid Supplementation in Western Kenya. *Maternal and Child Nutrition*. DOI: 10.1111/mcn.12233.
8. Koss, C. A.,** Natureeba, P., Nyafwono, D., Plenty, A., Mwesigwa, J., Nzarubara, B., Clark, T., Ruel, T., Achan, J., Charlebois, E., Cohan, D., Kanya, M., Havlir, D., **Young, S.L.** (2015). Food Insufficiency is Associated with Lack of Sustained Viral Suppression among HIV-Infected Pregnant and Breastfeeding Ugandan Women. *Journal of Acquired Immune Deficiency Syndromes*. <http://doi.org/10.1097/QAI.0000000000000860>
9. Kimani-Murage, E. W., Kimiywe, J., Kabue, M., Wekesah, F., Matiri, E., Muhia, N., Wanjohi, M., Muriuki, P., Samburu, B.,** Kanyuira, J.N. **Young, S.L.**, Griffiths, P.L., Madise, N., McGarvey, S. (2015). Feasibility and effectiveness of the baby friendly community initiative in rural Kenya: study protocol for a randomized controlled trial. *Trials*, 16(1), 431. <http://doi.org/10.1186/s13063-015-0935-3>
10. Tuthill, E. L.,** McGrath, J.M., Graber, M. Cusson, R.M., **Young, S. L.** (2015) Breastfeeding Self-efficacy: A Critical Review of Available Instruments. *Journal of Human Lactation*, DOI: 10.1177/0890334415599533
11. **Young, S.L.**, Natamba, B.,** Luwedde, F., Nyafwono, D., Okia, B., Osterbauer, B., Natureeba, P., Johnson, L., Michel, C., Zheng, A.,* Robine, M.,* Achan, J., Charlebois, E., Cohan, D., Havlir, D. (2015) "I have remained strong because of that food": Acceptability and use of lipid-based nutrient supplements among pregnant HIV-infected Ugandan women receiving combination antiretroviral therapy. *AIDS and Behavior*, <http://doi.org/10.1007/s10461-014-0947-0>.
12. Bartelink, I. H., Savic, R. M., Dorsey, G., Ruel, T., Gingrish, D., Scherpbier, H., Capparelli, E., Julien, V., **Young, S.**, Achan, J., Plenty, A., Charlebois, E., Kanya, M., Havlir, D., Aweeka, F. (2015) The Effect of Malnutrition on the

Pharmacokinetics and Virologic Outcomes of Lopinavir Efavirenz and Nevirapine in Food Insecure HIV-Infected Children in Tororo, Uganda. *Pediatric Infectious Disease Journal*, DOI 10.1097/INF.0000000000000603.

13. Miao, D.,* **Young, S.L.**, & Golden, C.D. (2015) A meta-analysis of pica and micronutrient status. *American Journal of Human Biology*, in press. DOI: 10.1002/ajhb.22598 (Cover article.)
14. Lumish, R.A.,* **Young, S.L.**, Lee, S., Cooper, E., Pressman, E., Guillet, R., O'Brien, K.O. (2014) Gestational Iron Deficiency is Associated with Pica Behaviors in Adolescents. *Journal of Nutrition*, doi: 10.3945/ jn.114.192070.
15. Natamba, B. K.,** Achan, J., Arbach, A.,** Oyok, T. O., Ghosh, S., Mehta, S., Stoltzfus, R.J., Griffiths, J., **Young, S.L.** (2014). Reliability and validity of the center for epidemiologic studies-depression scale in screening for depression among HIV-infected and -uninfected pregnant women attending antenatal services in northern Uganda: a cross-sectional study. *BMC Psychiatry*, 14(1), 303. doi:10.1186/ s12888-014-0303-y
16. Natamba, B.,** Kilama, H., Arbach, A.,** Achan, J., Ghosh, S., Griffiths, J., & **Young, S. L.** (2014) Reliability and validity of an individually-focused food insecurity access scale for assessing perceived food access among pregnant Ugandan women of mixed HIV status. *Public Health Nutrition*, [http:// dx.doi.org/10.1017/ S1368980014001669](http://dx.doi.org/10.1017/S1368980014001669).
17. Lin, J.,* Temple, L.,* Trujillo, C., Mejia-Rodriguez, F., Goldman Rosas, L., Fernald, L., & **Young, S. L.** (2014). Pica during pregnancy among Mexican-born women: a formative study. *Maternal and Child Nutrition*, doi: 10.1111/ mcn.12120.
18. **Young, S. L.**, Plenty, A., Luwedde, F., Natamba, B.,** Natureeba, P., Achan, J., et al. (2014). Household food insecurity, maternal nutritional status, and infant feeding practices among HIV-infected Ugandan women receiving combination antiretroviral therapy. *Maternal and Child Health*, 18(9):2044-53. doi: 10.1007/ s10995-014-1450-y.
19. Nagata, J. M.,** Cohen, C. R., **Young, S. L.**, Wamuyu, C., Armes, M. N., Otieno, B. O., Leslie, H.H., Dangu, M., Stewart, C., Bukusi, E.A., Weiser, S.D. (2014). Descriptive characteristics and health outcomes of the Food by Prescription nutrition supplementation program for adults living with HIV in Nyanza Province, Kenya. *PLoS One*, 9(3), e91403. doi:10.1371/ journal.pone.0091403.t003.
20. Jones, A.D., Ngure, F.M., Pelto, G., **Young, S.L.** (2013) What are we assessing when we measure food security?: A compendium and review of current metrics. *Advances in Nutrition*. 4, 481-505, doi: 10.3945/ an.113.004119.
21. Bartelink, I. H., Savic, R. M., Mwesigwa, J., Achan, J., Clark, T., Plenty, A., Charlebois, E., Kamya, M., **Young, S.L.**, Gandhi, M., Havlir, D., Cohan, D., Aweeka, F. (2013). Pharmacokinetics of lopinavir/ ritonavir and efavirenz in food insecure HIV-infected pregnant and breastfeeding women in Tororo, Uganda. *Journal of Clinical Pharmacology*, doi:10.1002/ jcph.167.
22. Tuthill, E.,** McGrath, J., **Young, S.L.** Commonalities and differences in infant feeding attitudes and practices in the context of HIV in Sub-Saharan Africa: a Metasynthesis. (2013) *AIDS Care*. doi 10.1080/09540121.2013.813625.
23. **Young, S.L.**, Wheeler, A., McCoy, A., Weiser, S. (2013) A review of the role of food insecurity in adherence to care and treatment among adult and pediatric populations living with HIV and AIDS. *AIDS and Behavior*. doi: 10.1007/ s10461-013-0547-4
24. Seim, G.L.,* Ahn, C.I.,* Bodis, M.S., Luwedde, F., Miller, D., Tako, E., Glahn, R., **Young, S.L.** (2013) Bioavailability of iron in geophagic earths and clay minerals, and their effect on dietary iron absorption using an in vitro digestion/ Caco-2 cell model. *Food and Function*. 4(8), 1263–1270. doi:10.1039/ c3fo30380b
25. Pebsworth, P., Seim, G.,* Huffman, M., Glahn, R., Tako, E., **Young, S.L.** (2013) Soil consumed by chacma baboons is low in bioavailable iron and high in clay. *Journal of Chemical Ecology*. 39(3), 447–449. doi:10.1007/ s10886-013-0258-3

26. **Young, S. L.**, Leshabari, S., Arkfeld, C.,* Singler, J., Chantry, C.J. et al. (2013) Barriers to and promoters of home-based breastmilk pasteurization: an ethnographic investigation. *Breastfeeding Medicine*. 8(3), 321–326. doi: 10.1089/bfm.2012.0044
27. Nagata, J. M.,** Magerenge, R. O., **Young, S.L.**, Oguta, J. O., Weiser, S. D., & Cohen, C. R. (2012) Socio-demographic and health associations with BMI at the time of enrollment to HIV care in Nyanza Province, Kenya. *AIDS Care*. 24(6), 728–736. doi:10.1080/09540121.2011.630358
28. Wilkinson, L.,* Sheng, X., & **Young, S. L.** (2012). Understanding infant and young child feeding challenges in China. *China Health Review*, 9–19.
29. Golden, C. D.,* Rasolofoniaina, B. J. R., Benjamin, R., **Young, S. L.** (2012) Pica and amylophagy are common among Malagasy men, women and children. *PLoS One*. 7(10): e47129. doi:10.1371/journal.pone.0047129.
30. **Young, S.**, Murray, K., Mwesigwa, J., Natureeba, P., Osterbauer, B., Achan, J., Arinaitwe, E., Clark, T., Ades, V., Charlebois, E., Ruel, T., Kamya, M., Havlir, D., Cohan, D. (2012) Maternal nutritional status predicts adverse obstetric & fetal outcomes among HIV-infected rural Ugandan women receiving combination ART. *PLoS One*, 7(8) e41934. doi:10.1371/journal.pone.0041934.t003
31. Patil, C. and **Young, S.L.** (2012) Biocultural considerations of food cravings and aversions: An introduction. *Ecology of Food and Nutrition*, 51(5), 365–373. doi:10.1080/03670244.2012.696007
32. Patil, C. R., Steinmetz, A.R,* Abrams, E.T. and **Young, S.L.** (2012) Appetite sensations and nausea and vomiting of pregnancy: An overview of the explanations. *Ecology of Food and Nutrition*. 51(5), 394–417. doi: 10.1080/03670244.2012.696010.
33. Steinmetz, A.R,* Abrams, E.T., **Young, S.L.** (2012) Patterns of gustatory and olfactory aversions and nausea and vomiting during pregnancy on Pemba Island, Zanzibar, Tanzania. *Ecology of Food and Nutrition* 51(5), 418–430. doi:10.1080/03670244.2012.696011.
34. Arinaitwe, E., Gasasira, A., Verret, W., Homsy, J., Wanzira, H., Kakuru, A., Sandison, T., **Young, S.**, Tappero, J., Kamya, M., Dorsey, G. (2012) The association between malnutrition and the incidence of malaria among young HIV-infected and -uninfected Ugandan children: a prospective study. *Malaria Journal*, 11:90 doi: 10.1186/1475-2875-11-90.
35. Chantry, C. J., **Young, S. L.**, Rennie, W., Ngonyani, M., Mashio, C., Israel-Ballard, K., Peerson, J., et al. (2012). Feasibility of using Flash-heated breastmilk as an infant feeding option for HIV-exposed, uninfected infants after 6 months of age in urban Tanzania. *JAIDS*, 60(1):43-50.
36. Nagata, J.,* Magarende, R, **Young, S.L.**, Weiser, S.D., Cohen, C.R. (2011) Social determinants, lived experiences, and consequences of household food insecurity among persons living with HIV / AIDS in Suba District, Kenya. *AIDS Care* DOI:10.1080/09540121.2011.630358.
37. Weiser, S.D., **Young, S.L.**, Cohen, C.R., Tsai, A.C., Tien, P.C., Hatcher, A.M., Frongillo, E.A., Bangsberg, D.R. (2011) Conceptual framework for understanding the bidirectional links between food insecurity and HIV / AIDS. *American Journal of Clinical Nutrition* 94(6) 1729S-1739S.
38. **Young, S.L.**, Mbuya, M.M., Chantry, C.J., Geubbels, E., Israel-Ballard, K., Cohan, D. Latham, M. (2011) Current knowledge and future research on infant feeding in the context of HIV: basic, clinical, behavioral and programmatic perspectives. *Advances in Nutrition* 2:225-243.
39. **Young, S.L.**, Sherman, P.W., Lucks, J, Pelto, G. (2011) Why do people eat earth? A test of alternative hypotheses. *Quarterly Review of Biology* 86(2):97-120.
40. **Young, S.L.** (2010) Pica in Pregnancy: New Ideas About An Old Condition. *Annual Review of Nutrition* 30: 403-422.

41. **Young, S.L.**, Israel-Ballard, K., Dantzer, E., Nyambo, M., Ash, D., Chantry, C.J. (2010) Infant feeding practices among HIV-positive women in Dar es Salaam, Tanzania indicate a need for more intensive infant feeding counseling. *Public Health Nutrition* 29:1-7.
42. **Young, S.L.**, Khalfan, S., Farag, T., Kavle, J., Rasmussen, K., Pelto, G., Ali, S. M., Hamadi, B., Tielsch, J., Stoltzfus, R. (2010). Pica is associated with anemia and gastrointestinal distress among pregnant Zanzibari women. *American Journal of Tropical Medicine & Hygiene* 83(1):144-151.
43. **Young, S.L.**, Hernandez Cordero, S., Blanco, I., Pelto, G. H., & Neufeld, L. M. (2010). Organoleptic properties, ease of use, and perceived health effects are determinants of acceptability of micronutrient supplements among poor Mexican women. *Journal of Nutrition* 140 (3):605-611. **selected by editor as the article of interest for March 2010*
44. **Young, S.L.**, Wilson, M.J., Hillier, S., Delbos, E. (2010). Differences and commonalities in physical, chemical and mineralogical properties of Zanzibari geophagic soils. *Journal of Chemical Ecology* 36(1): 129-140.
45. **Young, S.L.**, Beckham, S, and Ali, S. M. (2009). The potential role of private pharmacies in maternal iron supplementation in rural Tanzania *Food & Nutrition Bulletin* 30(1):16-23.
46. **Young, S.L.**, Wilson, M. J., Hillier, S., & Miller, D. D. (2008). Toward a comprehensive approach to the collection and analysis of pica substances, with emphasis on geophagic materials. *PLoS One*. 3(9): e3147.
47. **Young, S. L.**, D. Goodman, T. H. Farag, S. M. Ali, M. R. Khatib, S. S. Khalfan, J. M. Tielsch, and R. J. Stoltzfus (2007). Geophagia is not associated with *Trichuris* or hookworm transmission in Zanzibar, Tanzania. *Transactions of the Royal Society of Tropical Medicine and Hygiene*. 101(8): 766-72
48. **Young, S. L.**, and S. M. Ali. (2005). Linking traditional treatments of material anemia to iron supplement use: an ethnographic case study from Pemba Island, Zanzibar. *Maternal and Child Nutrition*. 1(1): 51-58.
49. **Young, S. L.** (2004). "Listen, Without Blood There is No Life": An ethnography of anemia during pregnancy. *Nutritional Anthropology*. 26 (1-2) 10-19.
50. **Young, S. L.** (2002). Critical Ecological Medical Anthropology: A harmonious union of discordant bodies? The selection and application of theory to anemia during pregnancy on Zanzibar. *Medische Anthropologie*. 14 (2) 321-252.

BOOK

51. **Young, S.L.** (2011) "Craving earth: Understanding pica" Columbia University Press.

LETTERS TO THE EDITOR & COMMENTARIES

52. Young, S.L. Invited commentary on Wutich, A. and Brewis, A. (2014) "Food, water, and scarcity: Toward a Broader Anthropology of Resource Insecurity," *Current Anthropology*. 55(4) 444-468.
53. Young, S., Tuthill, E., Pelto, G. (2013) "Ethnography as a tool for formative research and evaluation in public health nutrition" *Nestlé Foundation Report*. 38-39.
54. Chantry, C.J., Hanson, C.V., Israel-Ballard, K., and **Young, S.L.** Policy on Infant Feeding and Transmission of HIV Cites Outdated Information About Breastmilk Pasteurization. *Pediatrics*. March 21, 2013.
55. **Young, S. L.**, Chantry, C. J., Vosti, S. A., Rennie, W. (2009). Infant feeding counseling: a neglected strategy for the reduction of MTCT. *AIDS*. 23(18):2543-2544.
56. **Young, S. L.**(2004). On the role of the individual in the MEAH framework. *Medische Antropologie*. 16 (2): 280-1.

BOOK CHAPTERS

57. **Young, S. L.**, & Tuthill, E. (in press). Ethnography as a tool for formative research and evaluation in public health nutrition: illustrations from the world of infant and young child feeding. In *Research Methods for the Anthropological Study of Food and Nutrition*, J. Brett & J. Chrzan (Eds.).
58. Weiser, S., Palar, K., Hatcher, A., **Young, S.**, Frongillo, E., Laraia, B. Food Insecurity and Health: A Conceptual Framework. *Food Insecurity and Public Health*. L. Ivers, (Ed.). CRC Press. pp. 23-50.
59. **Young, S.L.** (2015) Pica. In *The Oxford Companion to Sugar and Sweets*, D. Goldstein (Ed.). Oxford University Press. pp. 531-532.
60. **Young, S. L.** and G. H. Pelto. (2015). Evaluative Ethnography for Maternal and Child Nutrition Interventions. In *Ethnographic Research in Maternal and Child Health*, F. Dykes and R. Flacking (Eds.). pp. 157-178.
61. **Young, S.L.** (2015). Pica: A biocultural approach to curious and compelling cravings. In *Understanding and Applying Medical Anthropology*, P. Brown & S. Closser (Eds.). pp 58-72.
62. **Young, S. L.** and G. H. Pelto. (2011). "Core Concepts in Nutritional Anthropology." In *Nutritional Health: Strategies for Disease Prevention*. T Wilson and N. Temple, eds. 3rd ed., Humana Press. pp. 523-537.
63. **Young S.L.** (2007). "Evidence for the Consumption of the Inedible: Who, what, when, where, and why." In *Consuming the Inedible: Cross-disciplinary approaches*. J. MacClancy, J. Henry and H. MacBeth, eds. Berghahn Press. pp. 17-30.
64. **Young, S. L.** (2007). "A Vile Habit? The Potential Biological Consequences of Geophagia, with special attention to iron." In *Consuming the Inedible: Cross-disciplinary approaches*. J. MacClancy, J. Henry and H. MacBeth, eds. Berghahn Press. pp. 67-79.
65. **Young, S. L.** and G. H. Pelto. (2005). "Core Concepts in Nutritional Anthropology." In *Nutritional Health: Strategies for Disease Prevention*. T Wilson and N. Temple, eds. 2nd ed., Humana Press. pp. 425-437.

OUTREACH

66. **Young, S.L.** and Cox, J. (2015) UptoDate entry on Pica. UptoDate is a subscription medical reference used by 1,100,000 million clinicians in 180 countries and almost 90% of academic medical centers in the United States.

DISSERTATION & THESES

67. Young, S.L. (2008). A biocultural study of the relationship between pica and anemia. PhD Dissertation in Nutritional Sciences. Cornell University.
68. Young, S. L. (2002). "Listen, Without Blood There is No Life": An ethnography of anemia during pregnancy in Pemba, Zanzibar. MA Thesis in Medical Anthropology. University of Amsterdam.
69. Young S. L. (1999). Religious Conversion by Dogon Women: A strategy for reproductive success? BA Honors Thesis. University of Michigan.

CONFERENCE POSTERS, PRESENTATIONS, & PANELS

(**Graduate/medical student advisee, *Undergraduate advisee)

70. Pebsworth, PA. **, **Young, SL.**, Huffman, MA. Can geophagy alter the feeding ecology of non-human primates?: A systematic literature review. The International Primatological Society and the American Society of Primatologists. Chicago, IL. August 2016.x
71. Familiar, I., Collins, S. **, Sikorskii, A., Ruisenor, H., Achidri, D., Achola, H., Onen, D., Boivin, M., **Young, SL.** Predictors of neurocognitive outcomes among a cohort of 12-month old infants from Uganda of mixed HIV exposure. The International AIDS Conference. Durban, South Africa. July 2016.
72. Widen, E. **, Collins, S. **, Wekesa, P., Krumdieck, N. **, Onono, M., Young, SL. Newly Diagnosed HIV is Associated with Lower Rates of Gestational Weight Gain and Loss of Mid-Upper Arm Circumference among Pregnant Kenyan Women. Experimental Biology. San Diego, CA. April 2016.
73. Tsai, I. *, Krumdieck, N. **, Collins, S. **, Widen, EM. **, Wekesa, P., Onono, M., Young, SL. Food Insecurity is Associated with Depression and Stress Among a Cohort of Pregnant Kenyan Women of Mixed HIV Status. Experimental Biology. San Diego, CA. April 2016.
74. Miller, JD. *, Collins, S. **, Krumdieck, NR. **, Wekesa, P., Onono, M., Young, SL. Pica is Associated with Lower Hemoglobin Concentration in a Cohort of Pregnant Kenyan Women of Mixed HIV Status. Experimental Biology. San Diego, CA. April 2016.
75. Hong, JJ. *, Martey, E. *, Dumas, SE. **, Young, SL., Travis, AJ. Physical, Economic, and Social Limitations to Egg Consumption in Luangwa Valley, Zambia. Experimental Biology. San Diego, CA. April 2016.
76. Maranga, A. *, Dumas, SE. **, Mbullo, PE., Wekesa, P., Collins, S. **, Onono, M., Young, SL. Perceived Benefits of Livestock Ownership among Female Smallholder Farmers of Mixed HIV Status in Nyanza Province, Kenya. Experimental Biology. San Diego, CA. April 2016.
77. Martin, S., Collins, S. **, Natamba, BK. **, Achidri, D., Widen, EM. **, Young, SL. Perceived breastmilk insufficiency and HIV are key predictors of exclusive breastfeeding at 1 and 3 months among mothers in northern Uganda. Experimental Biology. San Diego, CA. April 2016.
78. Krumdieck, N. **, Collins, S. **, Wekesa, P., Onono, M., **Young, SL.** Just how much household water insecurity do pregnant Kenyan women of mixed HIV status experience?: The need for a validated scale. Water and Health Conference: Where Science Meets Policy, UNC Chapel Hill. October 2015.
79. Williams, A., ** Chantry, C., **Young, S.L.**, Null, C., Stewart, C. Breastmilk Vitamin B12 Concentration are inadequate, but are not associated with reported recent animal source food or vitamin B12 intake among lactating women in rural Kenya. Academy of Breastfeeding Medicine, Los Angeles CA. October 2015.
80. **Young, SL**, Koss, C., Natureeba, P., Plenty, A., Charlebois, E., Nyafwono, D., Clark, T., Cohan, D., Kanya, M., Havlir, D. Food insecurity is associated with lack of sustained viral suppression among HIV-Infected pregnant and breastfeeding Ugandan women." AIDS Impact. Amsterdam, the Netherlands. July 2015.
81. Collins S, ** Natamba BK, ** Arbach A, ** Widen EM, ** Desai P, * Khan H, * Griffiths JK, **Young SL.** Alcohol Use Among Pregnant Ugandan Women of Mixed HIV Status is Associated with Social Environment and Food Insecurity. Experimental Biology. Boston, MA. March 2015.
82. Dumas SE, ** Oyier B, Otticha S, Arbach A, ** Zheng A, * Desai P, * Khan H, * Onono M, **Young SL.** Perceived Causes and Consequences of Food Insecurity During Pregnancy and Lactation among Kenyan Women of Mixed HIV Status. Experimental Biology. Boston, MA. March 2015.

83. Natamba BK,** Mehta S, Mou S,* Ghosh S, Stoltzfus RJ, Griffiths JK, **Young SL**. Social Support Modifies Bidirectional Linkages Between Food Insecurity and Prenatal Depressive Symptoms while Domestic Violence Alters the Unidirectional Impact of Food Insecurity on Prenatal Depressive Symptoms. *Experimental Biology*. Boston, MA. March 2015.
84. Roy A,** Fuentes-Afflick E, Fernald L, Young SL. Pica is prevalent and strongly associated with iron deficiency, but not anemia, among Mexican-born pregnant women living in the United States. *Experimental Biology*. Boston, MA. March 2015.
85. Santoso MV,** Larkin H,* Chung YB, Ota V, Bezner Kerr RN, **Young SL**. Sub-Optimal Infant and Young Child Feeding (IYCF) Practices in Singida, Tanzania are Associated with Food Insecurity. *Experimental Biology*. Boston, MA. March 2015.
86. Schuster RC,** de Sousa O, Reme A, Pinault D, **Young SL**. Evaluative ethnography is useful for understanding the impact pathways of performance- based incentives on health worker motivation. *Experimental Biology*. Boston, MA. March 2015.
87. Widen EM,** Natamba BK,** Collins S,** Khan H,* Sirotin N, Ghosh S, Griffiths JK, **Young SL**. Maternal Food Insecurity is Associated with Loss of Fat, but not Lean Mass during Lactation among Ugandans of Mixed-HIV Status. *Experimental Biology*, Boston, MA. March 2015.
88. Williams, A.,** Chantry, C., **Young, S.L.**, Null, C., Stewart, C. Breastmilk Vitamin B12 Concentration is Low among Women in Western Kenya and is Not Associated with Animal Source Food Intake or Food Insecurity. *Experimental Biology*, Boston, MA. March 2015.
89. **Young, S.L.**, Dumas, S.,** Oyier, B., Otticha, S., Arbach, A.*, Zheng, A.*, Desai, P.*, Onono, M. Food insecurity during pregnancy and lactation: Kenyan women's experiences of vulnerability and strategies for resilience. *Society for Applied Anthropology*, Pittsburgh, PA, March 2015.
90. Schuster RC,** de Sousa O., Vopelak C.,** McMahon D,* Pinault D., **Young SL**. The women have trust in me, and I try to live up to this trust: Health worker motivation and workplace characteristics among facility- and community-based health workers in rural Mozambique. *American Public Health Association Annual Meeting*, New Orleans, LA, November 2014.
91. Schuster R.C.,** de Sousa O., Vopelak C.,** McMahon D.,* Pinault D, **Young SL**. Motivation and workplace characteristics among facility- and community-based health workers in rural Mozambique to inform a performance-based incentive intervention. *Global Symposium on Health Systems Research*, Cape Town, South Africa, September 2014.
92. McDermid, J., Spraggon, V., Oyier, B., Otticha, S., Onono, M., **Young, S.L.** Appetite sensation scores and dietary intake of pregnant and lactating women in western Kenya. *Experimental Biology*, San Diego, CA, April 2014.
93. Natamba, B.,** Oyok, T., Achan, J., Mou, S.,* Ghosh, S., Sirotin, N., Stoltzfus, R.J., Griffiths, J., **Young, S.L.** Maternal food insecurity, anemia, and social support are independently associated with prenatal depression among HIV-positive and -negative women attending antenatal services in northern Uganda. *Experimental Biology*, San Diego, CA, April 2014.
94. Finkelstein, J., Plenty, A., Mehta, S., Natureeba, P., Clark, T., Kanya, M., Charlebois, E., Cohan, D., Havlir, D., **Young, S.L.** Anemia, vitamin B12, and folate statuses during pregnancy, and their association with obstetric outcomes among HIV-infected Ugandan women receiving ART. *Experimental Biology*, San Diego, CA, April 2014.
95. Dickin, K., Seim, G.,* **Young, S.L.**, Wawire, S., Martin, L. Challenges and Facilitators for Implementing Prenatal Calcium Supplementation to Prevent Preeclampsia: Formative Research with Health Care Providers and Women in Kenya. *Experimental Biology*, San Diego, CA, April 2014.

96. Tuthill, E.,** **Young, S.L.** Appropriate Methodologies for Mapping the Biocultural Determinants of Infant Feeding Practices in the Context of HIV in Limited-Resource Settings. American Anthropological Association, Chicago, IL, Nov 2013.
97. Tuthill, E.,** McGrath, J., **Young, S.L.** Commonalities and differences in infant feeding attitudes and practices in the context of HIV in Sub-Saharan Africa: a Metasynthesis. AIDS Impact, Barcelona, Spain, October 2013.
98. Jones, A.D., Ngure, F.M., Pelto, G., Young, S.L. What are we assessing when we measure food security?: A compendium and review of current metrics. First International Conference on Global Food Security. Noordwijkerhout, the Netherlands, September 2013.
99. Powell, B., Bezner-Kerr, R., **Young, S.**, Johns, T. The importance of biodiversity for dietary diversity and nutrition: perspectives of small-scale farmers in rural Tanzania. Agriculture, Food, and Human Values Society. East Lansing, MI, June 2013.
100. Lumish, R.,* **Young, S.L.**, Lee, S., Cooper, E, Pressman, E, O'Brien, K.O. Pica behavior is prevalent and associated with low iron status in pregnant adolescents. Experimental Biology, Boston, MA, April 2013.
101. Panelist, "Real World Anthropology". Cornell University, April 2013.
102. Nagata, J.M., Fiorella, K.J., **Young, S.L.**, Weiser, S.D., Bukusi, E.A., Cohen, C.R. Social determinants of BMI and food insecurity among adults living with HIV / AIDS in Nyanza Province, Kenya. Poster Presentation. University of California Global Health Day, University of California, Riverside, February 2013.
103. Moderator of panel entitled "Disseminating scientific results to members of the science community and the public: what are the options?" part of the meeting on a Global Research Agenda for Nutrition Science at the Sackler Institute at the New York Academy of Sciences, December, 2012.
104. Co-convenor of "Turning the Tide on HIV / AIDS: 2012 International AIDS Conference at Cornell University, in conjunction with the Bronfenbrenner Center for Translational Research. December 7, 2012.
105. Panel Organizer "Crossing Safely Into Toddlerhood: An ecological perspective on risks to infant care." Invited Session status, American Anthropological Association, San Francisco, CA November, 2012.
106. Williams, A.,** Chantry, C., Geubbels, E., Ramaiya, A.,* Shemdoe, A., **Young, S.** Food insecurity is negatively associated with exclusive breastfeeding in Tanzania: a cross-sectional study among HIV-positive women. International AIDS Conference, Washington, D.C. July 2012.
107. **Young, S.L.**, Natamba, B.K.,** Luwedde, F.A., Plenty, A.H.J., Mwesigwa, J., Natureeba, P., Osterbauer, B., Achan, J., Clark, T.D., Ades, V. Nzarubara, B.K., Ruel, T.D. Kanya, M., Charlebois, E.D., Havlir, D.V., Cohan, D. Severe household food insecurity is highly prevalent and associated with suboptimal breastfeeding practices among HIV-infected women in rural Uganda. International AIDS Conference, Washington, D.C. July 2012.
108. Seim, G., Ahn, C., Bodis, M., Tako, E., Miller, D., Glahn, R., **Young, S.** The concentration of iron in Zanzibari geophagic earth is high but its in vitro bioavailability is low and it inhibits the bioavailability of dietary iron in an in vitro digestion/ Caco-2 Cell model. 16th International Symposium on Iron Nutrition and Interactions in Plants, Amherst, MA June, 2012.
109. Natamba, B.,** Robine, M.,* Luwedde, F., Mwesigwa, J., Natureeba, P., Osterbauer, B., Ades, V., Clark, T. Charlebois, E., Plenty, A., Havlir, D., Cohan, D., Achan, J., **Young, S.** Breastfeeding practices and beliefs among HIV+ pregnant and lactating women on antiretroviral therapy in rural Uganda indicate obstacles to following national guidelines. Experimental Biology, San Diego, CA April 2012.
110. Seim, G.,* Ahn, C.,* Bodis, M., Tako, E., Miller, D., Glahn, R., **Young, S.** The concentration of iron in Zanzibari geophagic earth is high but its in vitro bioavailability is low and it inhibits the bioavailability of dietary iron in an in vitro digestion/ Caco-2 Cell model. Experimental Biology, San Diego, CA April 2012.

111. Phillips, E.L., Pelletier, D., Gervais, S., Stoltzfus, R., **Young, S.**, Michaud, L. Using Program Impact Pathways to Improve Anemia Reduction Programs. Experimental Biology, San Diego, CA April 2012.
112. Phillips, E.L., Pelletier, D., Gervais, S., Stoltzfus, R., **Young, S.**, Michaud, L. The Use of Mixed Methods Evaluation for Effective Program Scale up. Experimental Biology, San Diego, CA April 2012.
113. Cohan, D.L., **Young, S.L.**, Murray, K., Mwesigwa, J, Achan, J, Ades, V, Charlebois, ED, Ruel, T, Kanya, MR, Havlir, DV. Maternal Nutritional Status Predicts Adverse Birth Outcomes among HIV-infected Rural Ugandan Women Receiving Combination Antiretroviral Therapy. Abstract presented at CROI March, 2012. (Evaluated on Faculty of 1000: <http://f1000.com/14267262#eval15779446>)
114. Achan J., Ikezeki G., Kakuru A., Murray K., **Young S.**, Havlir D., Kanya M., Charlebois E., Ruel T. HIV-infected Ugandan children suffer high rates of malnutrition and minimal recovery following the initiation of antiretroviral therapy. International AIDS Society, Rome, Italy. July, 2011.
115. Chantry C.J., **Young S.**, Ngonyani M., Israel-Ballard K., Peerson, J., Nyambo, M., Rennie, W., Dewey, K.G. Feasibility of Flash-heating breastmilk to reduce maternal to child transmission of HIV. American Public Health Association. Denver, CO. November, 2010.
116. **Young, S.**, Steinmetz, A.,* Abrams, E.T. Are food aversions protective adaptations to pregnancy? American Anthropological Association. Philadelphia, PA. December 2009. (Co-chair of panel "Cravings and Aversions" with Crystal Patil)
117. **Young, S.L.**, Chantry, C., Ngonyani, M., Israel-Ballard, K., Ash, D., Nyambo, M. Flash-heating breastmilk is feasible in Dar es Salaam Tanzania. International Congress of Nutrition. Bangkok, Thailand. October, 2009. (Selected as Distinguished Poster.)
118. Nyambo, M., Ash, D., Ngonyani, M., **Young, S.L.**, Israel-Ballard, K., Chantry, C. Feasibility of Reducing MTCT-HIV by Flash-heating breast milk. Medical Women's International Association. Dar es Salaam, Tanzania. August, 2009.
119. **Young, S.**, Israel-Ballard, K., Leshabari, S., Maternowska, C., Turuka, E., Mallya, D., Maisho, C., Ash, D., Nyambo, M., Chantry, C. Flash-heating Breastmilk To Reduce MTCT-HIV: Successes And Challenges. Global Health Council. Washington DC, May 2009. (Selected as part of the New Investigator in Global Health Program)
120. Chantry C.J., **Young S.**, Ngonyani M., Israel-Ballard K., Ash D., Nyambo M., 2009. Feasibility of Flash-heating breastmilk to reduce maternal to child transmission of HIV. Pediatric Academic Societies. Baltimore, MD May 2009.
121. **Young, S.L.**, Chantry, C., Ngonyani, M., Israel-Ballard, K., Ash, D., Nyambo, M. Flash-heating breastmilk is feasible in Dar es Salaam Tanzania. Experimental Biology. New Orleans, Louisiana, April 2009.
122. **Young, S.L.**, Ali S. M., Wilson, M.J., Hillier, S., Rasmussen, K.M., Stoltzfus, R.J. Pica is associated with pregnancy, anemia and gastrointestinal distress among Zanzibari women. Bloemfontein, South Africa, October 2008.
123. Wilson, M. J., Hillier, S., **Young, S.L.** Clay Mineralogy of Geophagic Materials from Tanzania and Other Countries. 4th Mid-European Clay Conference, Zakopane, Poland, September 2008.
124. **Young, S.L.**, Hernandez Cordero, S., Branco Garcia, I., Bonvecchio Arenas, A., & Neufeld, L. M. Acceptability of three nutritional supplements among pregnancy and lactating women in Mexico. Experimental Biology, San Diego, CA, April 2008
125. **Young, S. L.**, Goodman, D., Farag, T. H., Ali, S. M., Khatib, M. R., Khalfan, S. S. Tielsch, J.M., Stoltzfus, R.J. Geophagia is not associated with Trichuris or hookworm transmission in Zanzibar, Tanzania. Experimental Biology, Washington DC, April 2007.

126. **Young, S.L.**, J.B. Lucks, G.H. Pelto. Managing 1,472 articles on pica. Strategies for hypothesis testing with a comprehensive literature review. Society for Anthropological Sciences. Savannah, Georgia. February 2006.
127. **Young, S.L.** *Safura* [anemia], the disease of earth-eating? An investigation of the relationship of iron status to pica in Zanzibar. International Commission on the Anthropology of Food. Oxford, England. June 2005.
128. **Young, S. L.** Mapping the Cultural and Physiological Components of Anemia on Pemba Island, Zanzibar. American Anthropological Association, Nutritional Anthropology section. Chicago, IL, November 2003.
129. **Young, S. L.** Religious Conversion by Dogon Women: A Tactic of the Weak? Conference of the Netherlands African Studies Association. Leiden, the Netherlands, September 2003.
130. **Young, S. L.** Straight Edge: Youth rebellion or voice of social conscience? American Midwest Sociological Society. Chicago, IL, April 2000. (Invited).
131. **Young, S. L.** Dogon Women's Religious Conversion: A Strategy for improved reproductive success? American Anthropological Association, Anthropology of Religion. Philadelphia, PA, April 1999.

TRAINING

National Institute of Health's Advanced Training Institute on Health Behavior Theory — Summer 2012

American Psychological Association's Cyber Mentor Program for HIV research, Committee on Psychology and AIDS — Fall 2009-Fall 2011

Dannon Nutrition Leadership Institute — Spring 2009

New Investigator in Global Health Program, Global Health Council — Spring 2009

Cells to Society Biomarker Institute, Northwestern University — Spring 2008

TEACHING

Undergraduate independent research: NS 4010 - Empirical Research; BIOG 2990; BIOG 4990 — Fall 2012—present

Community and International Nutrition Seminar Series NS 6980 :: Organizer : Cornell University Fall — Fall 2012, Spring 2013

Nutrition in Developing Countries PH 298.41:: Lecturer : UC Berkeley School of Public Health— Spring 2008

Nutritional Problems of Developing Nations NS 306 :: Teaching Assistant : Cornell University— Spring 2004

English Literature, Special Ed :: Substitute Teacher : Port Huron School District, Michigan— Spring 2000

Secondary Level Teaching Certificate:: University of Michigan :: Ann Arbor, Michigan — 1999

Cultural Anthropology :: Student Teacher : Plymouth Canton High School, Michigan— Spring 1999

AP English :: Student Teacher : Cass Technical High School, Detroit, Michigan— Fall 1998

STUDENTS ADVISED

Doctoral students, committee chair: Barnabas Natamba, Roseanne Schuster, Marianne Vicky Santoso

Doctoral students, committee member: Elizabeth Fox (Cornell), Sarah Pedersen (Cornell), Betty Samburu (Kenyatta University), Anne Williams (University of California, Davis), Sarah Dumas (Cornell)

Medical students: Angela Arbach (Cornell Weill), Natalie Krumdieck (Cornell Weill), Jason Nagata (University of California, San Francisco), Alexis Steinmetz (Loyola)

Master's students: Shalean Collins (Tulane)

Postdoctoral associates: Godfred Boateng, Yolanda Brooks, Katie Fiorella, Paula Pebsworth, Aditi Roy, Elizabeth Widen

Undergraduate students:: Cedric Ahn, Chaele Arkfeld, Eleonore Baughan, Lauren Blacker, Corrine Casal, Pooja Desai, Melanie Graber, Damarys Hernandez, Josephine Hong, Jen Huang, Hijab Khan, Paige Killeala, Joanie Kim, Heather Larkin, Ann Lei, Janice Lin, Phoebe Lo, Rachel Lumish, Abena Maranga, Emily Martey, Devon McMahon, Chloe Michel, Joshua Miller, Lusine Mehrabyan, Sophie Mou, Jacqueline Rivera, Marion Robine, Keith Ryan, Evelyn Samuel, Gretchen Seim, Rie Seu, Santana Silver, Shanna Smith, Christina Son, Alexis Steinmetz, Luisa Temple, Irene Tsai, Kelechi Umoga, Shiliu Wang, Tingting Wu, Amy Zheng

FIELD RESEARCH, BY TOPIC

HIV and Nutrition:

Health Consequences of Food & Nutrition Insecurity for HIV+ Women & Their Infants :: Kisumu, Kenya :: Cornell University, Kenyan Medical Research Institute, and Family AIDS Care and Education Services, — 1/13-present

An investigation of the role of food insecurity in adverse maternal and infant health outcomes among HIV-infected and uninfected pregnant and lactating women in western Kenya.

Food insecurity and nutritional status of patients infected with tuberculosis and HIV in Gulu, Northern Uganda (The FINITH Study) :: Gulu, Uganda :: Cornell University and Gulu University — 1/13-1/14

A cross-sectional study of the effects of food insecurity on disease and nutritional status among adult Ugandans infected with TB and/or HIV.

Prenatal Nutrition And Psychosocial Health Outcomes (PreNAPs) study :: Gulu, Uganda :: Cornell University and Gulu University — 9/12-1/15

A longitudinal cohort study of the effects of food insecurity on depression, stress, and gestational weight gain among HIV-infected and -uninfected pregnant women.

PROMOTE study (Prevention of Malaria and HIV disease in Tororo) :: Tororo, Uganda :: University of California, San Francisco and Makerere University — 1/11-2013

Assessing and intervening to improve nutritional and obstetric outcomes among a cohort of HIV+ women receiving anti-retroviral therapy and their HIV-exposed infants.

Feasibility and pilot efficacy of Flash heated breastmilk to reduce pediatric HIV :: Dar es Salaam, Tanzania — 6/08-12/11

Scientific coordinator of a multi-disciplinary study of the effects of home-based education on exclusive breastfeeding and the uptake and consequences of rapid heating of breastmilk among HIV+ women in urban Tanzania.

Program Development and Implementation Research:

Understanding the Barriers and Facilitators to Uptake, Provision, and Management of Prevention of Vertical Transmission of HIV Services in Inhassoro District, Mozambique :: Cornell University and CARE-Mozambique — 3/12-present.

A pilot intervention study to determine if performance based incentives can improve the quality of care provided to HIV-infected pregnant women.

Reaching the Hard to Reach: Documenting World Vision Haiti Mobile Clinic Best Practices :: Haiti :: Cornell University and World Vision — 3/11-12/11

Determining best practices for reducing maternal anemia among rural women via mobile clinic services.

Maternal anemia care, program evaluation :: Pemba Island, Zanzibar, Tanzania : Cornell University / Zanzibar Ministry of Health— 6/06-8/06

Conducted community surveys, focus group discussions and interviews with traditional and biomedical health care workers, private medicine retailers and pregnant women to understand how use of anemia medicine can be improved.

“Adapting EFNEP to the changing needs of food-assistance eligible families in the era of welfare reform” ::

Qualitative Researcher : **Cornell University** — 2003-2004

Conducted interviews and focus group discussions with nutritional education program staff as part of a USDA-funded multi-state research project to understand the effects of welfare reform on nutritional status and well-being.

Pica

Antojitos study, the relationship between pregnancy, pica, iron status, and cognitive function :: Salinas, California — 6/08-6/11

Primary investigator of a study of nutritional behaviors and beliefs, and their associations with iron status and cognitive function among pregnant Hispanic women.

Quantitative and qualitative study of non-food cravings, primary investigator :: Pemba Island, Zanzibar, Tanzania : Cornell University— 5/04-6/04, 6/06-8/06

Secured funding, hired, and trained Zanzibari fieldworkers to collect epidemiological data about consumption of non-food substances (pica) in 700 adults as part of a larger trial on the prevention of severe anemia (PI Rebecca Stoltzfus). Conducted in-depth interviews about pica (the cravings for and consumption of non-food substances) with community members and health care workers. Collected samples of pica substances for biochemical analysis.

Perceptions of anemia during pregnancy :: Pemba Island, Zanzibar, Tanzania : University of Amsterdam — 5/02-7/02

Qualitative data was collected about the perceived causes, cures, and appropriateness of UNDP-supplied ferrous sulfate and traditional medicines for the treatment of anemia during pregnancy. Analyzed data to make suggestions about how traditional and biomedical treatments can be linked.

Other

Hospital Renovation, project manager :: Pemba Island, Zanzibar, Tanzania — 2001, 2003, 2005.

Identified areas of need, raised all funds, and oversaw renovations of Mental Hospital, Maternity Ward and Children’s Ward.

“Down for the count in the Bijlmer” :: Interviewer : University of Amsterdam — 2002

Censused and interviewed homeless people about drug use, health care, and general well-being in low-income neighborhoods in Amsterdam.

Polygyny and child mortality :: Mali, West Africa / University of Michigan — 1998.

Field manager of longitudinal biological anthropological study comparing infant mortality by family structure. Responsibilities included fieldworker hiring, anthropometry of 1000 0-5 year old children, household surveys, censusing villages, house construction, and data organization.

RESEARCH POSITIONS & CONSULTANCIES

Bangladesh Rural Advancement Committee (BRAC)— 2009

Consulting on reports from Research and Evaluation Division of BRAC.

Program for Appropriate Technology in Health (PATH), Washington DC — 2009

Advised on assessment of nutritional needs among HIV-positive pregnant and lactating Rwandan women.

Instituto Nacional de Salud Pública (INSP), Cuernavaca, Mexico — 2007

Evaluation of quantitative and qualitative data on the acceptability of micronutrient tablets, sprinkles and a fortified food to pregnant and lactating Oportunidades recipients.

University of Amsterdam — 2001-2006

Responsible for translation and text editing of dissertations, articles, and grant proposals. Converted four PhD manuscripts into books.

Kelsey Museum of Archaeology : University of Michigan— 1997-1998

Assisted with reconstruction of an ancient Greek mosaic mural, sorted and classified Etruscan coins.

Royal Museum of Central Africa : Tervuren, Belgium — 1997

Assisted with editing “Zimbabwe: Legacies of Stone Past and Present: Volume I and II”.

LANGUAGES

English : Dutch : French : Swahili

INVITED LECTURES

Emory University, 2015. “If I can’t eat, how can I feed? Food and water insecurity, HIV, and maternal and child health”

Cornell University, 2012, 2014. Guest lectures in graduate courses NS 6370 Topics in Nutritional Epidemiology and NS 6140 Maternal and Child Nutrition.

Cornell University, 2013, Young Social Scientists Sustainability Research Forum. “The Role of Nutrition in Sustainable Gains in the Health of HIV-Affected Women and Their Children” <http://www.sustainablefuture.cornell.edu/events/YSSSRF/>

Cornell University, 2012, Cornell Health International Association. “Craving Earth: A tale of three hypotheses”

University of California, San Francisco, 2012, Reproductive Infectious Diseases Seminar. “Current knowledge and future research areas on infant feeding in the context of HIV: Basic, clinical, behavioral, and programmatic perspectives”. <http://bit.ly/LVfJcw> and <http://db.tt/Uww3XHRH>

Cornell University, 2011. “Chats in the Stacks: Craving Earth”. <http://www.youtube.com/watch?v=-KX2bwGAXuM>

University of California, Berkeley. Global Health. 2007, 2008, 2009*, 2010. *Voted by class as “favorite lecture of the semester”.

Touro University, Mare Island, California. 2010, 2011.

University of California, Davis Medical Center. Grand Rounds: Pediatrics. 2008.

University of California, San Francisco. Local health meets global health group. 2008.

University of Illinois, at Chicago. Department of Anthropology. 2007.

PROFESSIONAL SERVICE

Northwestern University:: Global health curriculum committee 2016-

Cornell University:: Search Committee, Master's in Public Health Curriculum Development Committee 2016

World Food Program :: Inter-agency Task Team for Food, Nutrition, and HIV — Member 2014 —

Society for Applied Anthropology :: Malinowski Award Selection Committee 2015— 2018

American Society for Nutrition :: At Large Member of the Global Nutrition Executive Council 2014-2016;
Graduate and Professional Education Executive Committee Member— 2006-2008

Dannon Nutrition Leadership Institute :: President — 2015-2016; President-elect — 2012-2015; Treasurer — 2010-2012

Food and Agriculture Organization. High Level Panel of Experts Committee on Critical and Emerging Issues for Food Security and Nutrition — 2014

Society for the Anthropology of Food and Nutrition :: Vice-President — 2012-2014; National Meeting Program Chair — 2010-2012

Ad hoc reviewer :: Advances in Nutrition, African Health Sciences, African Journal of Biotechnology, African Journal of AIDS, American Journal of Human Biology, American Journal of Obstetrics and Gynecology, American Journal of Tropical Medicine and Hygiene, Berghahn Books, BMC Breastfeeding Medicine, BMC Medicine, BMC Pregnancy and Childbirth, BMC Research Notes, Ecology of Food and Nutrition, Environmental Geochemistry and Health, Epidemiology and Infection, International Breastfeeding Journal, International Journal of Obesity, Journal of Acquired Immune Deficiency Syndrome, Journal of AIDS and Clinical Research, Journal of AIDS and HIV Research, Journal of Health, Population, and Nutrition, Journal of Nutrition, Journal of Tropical Ecology, Maternal and Child Health Journal, Maternal and Child Nutrition, Medical Anthropology, Medical Anthropology Quarterly, Medische Antropologie, National Research Foundation (South Africa), PLoS One, Population Health Metrics, Public Health Nutrition, Science Translational Medicine, Scientific Research and Essays, Sigma Delta Epsilon/Graduate Women in Science Fellowship, Social Science and Medicine, Texas Biomedical Research Institute, Transactions of the Royal Society of Tropical Medicine and Hygiene, UCSF's Center of Excellence in Women's Health, Yearbook of Physical Anthropology

One Laptop Per Child :: Co-developer of children's math game Kuku Anakula (<http://wiki.laptop.org/go/Kuku>) — 2007

Nutrition Graduate Student Organization :: Secretary, Social Director, Faculty Liaison, Founder and member of the Committee on Professional Development : Cornell University— 2003-2007

Academic Integrity Hearing Board :: Graduate Representative : Cornell University— 2004

PROFESSIONAL MEMBERSHIPS & AFFILIATIONS

At Cornell: Member of the Graduate Fields of Nutrition, Anthropology, and Public Affairs; Faculty Fellow at the Atkinson Center for a Sustainable Future; Faculty Affiliate of the Cornell Population Center; Member of the CU-ADVANCE Mentoring Group; Member of the "Med Heads" Medical Anthropology Working Group

PRESS COVERAGE

Radio and television interviews:

Big Picture Science, 2013. "Digging our Past"

<http://bit.ly/1eEGeyw>; http://radio.seti.org/episodes/Digging_Our_Past

Institutet, 2013 (Swedish national public radio program). "Tänk vad härligt att ta en näve grus och skölja runt i munnen"

<http://sverigesradio.se/sida/artikel.aspx?programid=4131&artikel=5478881&play=4486865&playtype=Ljudklipp>

The Academic Minute, WAMC, Albany, NY. 2012. "The urge to eat dirt".

<http://wamc.org/post/dr-sera-young-cornell-university-urge-eat-dirt>

Capitol Public Radio, Sacramento, CA, 2011. "Craving Earth".

<http://www.capradio.org/163198>

Living on Earth, 2011. "Eating Dirt"

<http://www.loe.org/shows/segments.html?programID=11-P13-00023&segmentID=8>

Talk Radio Europe, 2011.

The Lanigan and Malone Morning Show, 2011. Cleveland, OH.

NewsTalk with Moncrieff (Ireland), 2011.

<http://www.newstalk.ie/programmes/all/moncrieff/>

CBS-Miami, 2011: "Irresistible Craving To Eat Dirt May Cause Health Problems"

<http://miami.cbslocal.com/2011/01/10/irresistible-craving-to-eat-dirt-may-cause-health-problems/>

CBS-Chicago, 2010: "Coping with the dangers of pica"

<http://chicago.cbslocal.com/2010/12/31/coping-with-the-dangers-of-pica/>

CBS-San Francisco, 2010: "Health Watch—Craving Earth"

Good Food with Evan Kleinman, on Los Angeles's KCRW, 2011.

Radio interview: http://www.kcrw.com/etc/programs/gf/gf110416matzo_balls_eating_d

"Evan eats clay" <http://blogs.kcrw.com/goodfood/2011/04/video-evan-eats-clay/>

Zanzibar Public Television, 2006. An interview with Said M. Ali, Sarah Beckham, and me about our research on the relationship between anemia and pica

http://www.youtube.com/watch?v=kfGQ6Je8_vo

Articles and blog coverage:

British Broadcasting Company (UK), 2016. The people who can't stop eating dirt

<http://www.bbc.com/future/story/20160615-the-people-who-cant-stop-eating-dirt?ocid=fbfut>

The Guardian (UK), 2014. Why do some people love 'earthy' flavours in food?

<http://www.theguardian.com/lifeandstyle/wordofmouth/2014/jul/29/why-some-people-love-earthy-flavours>

Cornell Chronicle, 2014. Pica in pregnant teens linked to low iron

<http://news.cornell.edu/stories/2014/08/pica-pregnant-teens-linked-low-iron>

Science Daily, 2014. Pica in pregnant teens linked to low iron

<http://www.sciencedaily.com/releases/2014/08/140820164026.htm>

New York Times, 2013. "Digging Into the Dirt. 'Craving Earth' Looks at Pica, the Urge to Eat Unusual Substances"

http://www.nytimes.com/2013/07/09/science/craving-earth-looks-at-pica-the-urge-to-eat-unusual-substances.html?_r=0

Geo, 2013. (National Geographic of Germany.) "Dreckige Gelüste."

National Geographic, 2012. "Guess Who's Eating Dirt: Surprising Number of Men Found Practicing Pica"

<http://news.nationalgeographic.com/news/2012/10/121019-pica-food-health-science-madagascar-men-women-pregnant-eat-dirt/>

Cornell Chronicle, 2012. "Study documents eating of soil, raw starch in Madagascar"

<http://www.news.cornell.edu/stories/Nov12/PICA.html>

Science Daily, 2012. "Eating of Soil and Raw Starch Documented in Madagascar"

<http://www.sciencedaily.com/releases/2012/11/121109162023.htm>

Scenes of Eating, 2012. "Review: Craving Earth, by Sera L. Young"

<http://scenesofeating.com/2012/01/24/review-craving-earth-by-sera-l-young/>

Huffington Post, 2011. "Explained: Why People Sometimes Crave Dirt"

http://www.huffingtonpost.com/2011/06/07/dirt-cravings-explained_n_872532.html

Scientific American, 2011. "Let them eat dirt"

<http://www.scientificamerican.com/podcast/episode.cfm?id=let-them-eat-dirt-11-06-03>

US News and World Report, 2011. "Eating Dirt Has Long, Maybe Healthy, History"

<http://health.usnews.com/health-news/family-health/brain-and-behavior/articles/2011/06/06/eating-dirt-has-long-maybe-healthy-history>

Discovery News, 2011. "Why some people eat dirt"

<http://news.discovery.com/human/eating-dirt-more-adaptive-than-thought-110607.html>

Fox News, 2011. "Dirty Truth: Humans Eat Dirt to Shield the Stomach"

<http://www.foxnews.com/health/2011/06/07/dirty-truth-humans-eat-dirt-to-shield-stomach/>

Medline Plus, 2011. Comer tierra tiene una historia larga, y quizás saludable

http://www.nlm.nih.gov/medlineplus/spanish/news/fullstory_112886.html

The Awl, 2011. "Why Do People Like To Eat And Buy And Sing About Dirt?"

<http://www.theawl.com/2011/06/why-do-people-like-to-eat-and-buy-and-sing-about-dirt#more>

Pour Femme, Italy, 2011. Geofagia: e se mangiare la terra facesse bene?

<http://salute.pourfemme.it/articolo/geofagia-e-se-mangiare-la-terra-facesse-bene/10739/>

El Colombiano, Colombia, 2011. "De aquellos que comen física tierra: la geofagia"

<http://www.ecbloguer.com/cienciaaldia/?p=4014>

El Comercio, Peru, 2011. ¿Por qué a algunas personas les gusta comer tierra?

<http://elcomercio.pe/gastronomia/769462/noticia-que-algunas-personas-les-gusta-comer-tierra>

Correio do Estado, Brasil, 2011. Hábito de comer terra ajuda a proteger de doenças

http://www.correiodoestado.com.br/noticias/habito-de-comer-terra-ajuda-a-proteger-de-doencas_113652/

Jurnalul Național, Romania, 2011. Geofagia ar avea virtuți nebănuite, susține un antropolog american.

<http://www.jurnalul.ro/viata-sanatoasa/terapii-complementare/geofagia-ar-avea-virtuti-nebanuite-sustine-un-antropolog-american-585360.html>

KSL news, Salt Lake City, UT 2011. "Sore tummy? Skip the Tums and grab some dirt"

<http://www.ksl.com/index.php?nid=1012&sid=15902164>

Sacramento Bee, CA, 2011. "Between the lines: A trove from UC Davis faculty"

The Daily Mail, 2011. "Why eating dirt can be good for you... and act as a shield for your stomach"

<http://www.dailymail.co.uk/news/article-1394694/Why-eating-dirt-good-stomach-act-shield-stomach.html>

China Daily, 2011. "Eating earth may be good for stomach: study"

The Independent, United Kingdom, 2011. "Feeling nauseous? Eat dirt"

<http://www.independent.co.uk/life-style/health-and-families/feeling-nauseous-eat-dirt-2294603.html>

The Times of India, 2011. "Hitting pay dirt and eating it too"

The Times Higher Education, United Kingdom, 2011. "Biting the dust proves popular"

<http://www.timeshighereducation.co.uk/story.asp?storyCode=416487§ioncode=26>

Cornell Chronicle. "Eating dirt may protect against pathogens and toxins"

<http://news.cornell.edu/stories/2011/06/study-animals-and-humans-eat-clay-rid-toxins>

Cornell Sun. "Cornell Researcher Explores Eating Dirt"

<http://www.cornellsun.com/section/science/content/2011/11/09/cornell-researcher-explores-eating-dirt>

Audubon Magazine. "Clay Craving and Dirt Dining: Eating earth may be good for us"
<http://magblog.audubon.org/clay-craving-and-dirt-dining-eating-earth-may-be-good-us>

Delish.com, 2011. "Get Dirty: Study Finds Eating Dirt Could Have Benefits"
<http://www.delish.com/food/recalls-reviews/study-finds-eating-dirt-could-be-good-for-you>

Free Republic, 2011. "Is dirt safe to eat?"
<http://www.freerepublic.com/focus/f-chat/2738674/posts>

LA Weekly, California, 2011. "Weird Science: Eating Dirt Can Be Good For"
<http://blogs.laweekly.com/squidink/2011/06/eating-dirt-can-be-good-for-you-weird-science.php>

Toronto Sun, 2011. "Dining on Dirt".
<http://www.torontosun.com/2011/06/03/dining-on-dirt>

The Davis Enterprise, 2011. "From UCD authors, a nonrequired summer list"
<http://www.davisenterprise.com/local-news/ucd/from-ucd-authors-a-nonrequired-summer-list/>

ABC News, 2011. "Eating dirt has long, maybe healthy, history"

Science News, 2011. "Craving Earth"
http://www.sciencenews.org/view/generic/id/71641/title/Book_Review_Craving_Earth_by_Sera_L_Young

Foodista, 2011. <http://www.foodista.com/blog/2011/04/22/eat-the-earth>

Salon.com, 2011: "Craving Earth": Why do some people love eating dirt?
http://www.salon.com/books/feature/2011/04/12/craving_earth_sera_l_young

Ethiopian Review, 2011. "Eating earth: Exploring the mysterious world of geophagy"

The Week, 2011. "Why pregnant women eat dirt"
<http://theweek.com/article/index/213694/why-pregnant-women-eat-dirt>

The Atlantic, 2011: <http://www.theatlantic.com/daily-dish/archive/2011/03/eating-dirt/173583/>

BoingBoing, 2011: "Book about people who eat dirt"
<http://boingboing.net/2011/03/29/book-about-people-wh.html>

Voice of America, 2009: "HIV-Positive Women Will Follow Protocols to Make Breast Milk Safe"
<http://www.voanews.com/content/a-13-2009-05-07-voa29-68815217/413128.html>

Focus, 2009: "A clay multivitamin?"
<http://www.focus.pl/cywilizacja/zobacz/publikacje/gliniana-multiwitamina/>

der Spiegel, 2008: "Why Do People Eat Dirt?"
<http://www.spiegel.de/international/zeitgeist/0,1518,525726,00.html>

Nature, 2007: "The earth-eaters" <http://www.nature.com/nature/journal/v444/n7119/full/444543a.html>