

MELISSA FOX YOUNG, PhD

EDUCATION

Cornell University, Division of Nutritional Sciences, Ithaca, New York	2006 –2011
• Ph.D. in Human Nutrition, Minors: Epidemiology, Community Nutrition, Economics of Development (GPA 4.08)	
Iowa State University, Ames, IA	2002-2006
• Bachelor of Science, Nutritional Science, Graduated with Honors (GPA 3.98 on 4.00 scale)	
The Healthy Children Project, Inc., Atlanta GA	2013
• Lactation counselor training course to become a Certified Lactation Counselor (CLC)	
Institute for Pedagogy in the Liberal Arts (IPLA), Emory University, Oxford GA	2016
• Innovative program on high impact teaching practices, team-based learning and curriculum development.	

PERSONAL STATEMENT

Dr. Melissa Young is an Assistant Professor at Emory University who is a leader in the areas of maternal and child nutrition, breastfeeding, anemia, micronutrient deficiencies and program implementation and evaluation. She has training in human nutrition, epidemiology, community nutrition and applied economics. Dr. Young's experience ranges across the spectrum from biochemical/clinical nutrition to implementation research and design and evaluation of public health nutrition programs and policies. She is currently working on projects in India, Vietnam, Malawi, Tanzania, Ethiopia and Cambodia. She has a strong track record of publishing in leading journals and obtaining external grant awards. The central theme that ties Dr. Young's research together is a focus on nutrition during the first 1000 days, a critical window of opportunity to improve child health for lifetime. Dr. Young's goal is to help train the next generation of nutrition professionals and public health experts and to provide effective evidence-based guidance to improve global maternal and child nutrition programs and policies.

WORK EXPERIENCE

Department of Global Health, Rollins School of Public Health, Emory University, Atlanta, GA	
<i>Assistant Professor</i>	May 2017-present
• <u>Co-Instructor</u> : Micronutrient Malnutrition, Maternal and Child Nutrition, and Human Nutrition II	
<i>Research Assistant Professor</i>	2014-2017
• <u>Co-Instructor</u> : Micronutrient Malnutrition, Maternal and Child Nutrition, Human Nutrition II, and Evidence-Based Policy, Programs and Research.	
<i>Postdoctoral Fellow/ Integrated Family Health Initiative (IFHI)</i>	2010-2014
• <u>Guest Lecturer</u> : Maternal and Child Nutrition (<i>Physiology of Lactation/Pregnancy, Nutrient Requirements during Lactation/Pregnancy, Maternal Nutrition and Lactation Performance, Causes and Significance of Low Birth Weight</i>), Human Nutrition II (<i>Iron Metabolism, Iron Deficiency and Excess</i>), Introduction to Nutrition (<i>Micronutrients: Minerals I and II</i>)	
Division of Nutritional Sciences, Cornell University, Ithaca, NY	2006 – 2010
<i>Cornell Graduate Student Researcher</i>	
• Directed multi-site clinical research study on iron metabolism in pregnant adolescents and women. Examined the mechanisms in which maternal iron status impacts iron absorption, placental iron transfer and infant iron status in Rochester, NY.	
• Teaching Assistant: <i>Human Anatomy Physiology, Social Science Perspectives on Food and Nutrition, Physicochemical & Biological Aspects of Foods Lab, Nutrition Health and Society</i>	
Iowa State University Ames, IA	2002-2006
<i>Summer Scholar for Center for Designing Foods to Improve Nutrition</i>	
• Conduct research on iron bioavailability of Ghanaian Maize Porridge; data analyst for dietary information	
<i>Community Nutrition Research Assistant</i>	
• Perform statistical analysis and interpretation of global nutrition data	
<i>Food Science and Human Nutrition Research Assistant</i>	
• Literature research and writing on African food processing on β -carotene-rich maize	
<i>Horticulture Department Research Assistant</i>	
• Completed literature research on Uganda agriculture and school gardens	
<i>Human Nutrition Metabolic Laboratory, Undergraduate Lab Assistant</i>	
• Aided with clinical research studies in metabolic laboratory	
<i>Iowa State Freshman Honor Program Leader</i>	
• Co-taught freshman honors seminar; designed course syllabus, led discussions, and promoted leadership	
<i>Iowa State Teaching Assistant</i>	
• Aided with class activities/materials, grading, and help sessions for Introduction to Human Nutrition course	
The World Food Prize, Des Moines, IA	2004
<i>George Washington Carver Intern</i>	
• Coordinated " <i>The Des Moines Declaration: A Call for Accelerated Action in Agriculture, Food & Nutrition to End Poverty & Hunger</i> "	

PUBLICATIONS

BOOK CHAPTERS

1. **Young MF**, Suchdev PS. Effects of inflammation on micronutrient biomarkers associated with anemia. *Nutritional Anemia*, 2nd Edition 2022
2. **Young MF**, Ramakrishnan U. "Iron." In: S. de Pee, DL Taren, MW Bloem (eds.). *3rd Edition of Nutrition and Health in a Developing World*. Chapter 10: Malnutrition, Nutrients and (Breast)Milk Explained, New York: Humana Press, 235-263, 2017.
3. Ramakrishnan U, **Young MF**, Martorell R. "Maternal Nutrition and Birth Outcomes." In: S. de Pee, DL Taren, MW Bloem (eds.). *3rd Edition of Nutrition and Health in a Developing World*. Chapter 22: Nutrition and Health in Different Phases of the Lifecycle. New York: Human Press, 487-502, 2017.
4. Field MS, **Young MF**, O'Brien KO. "Maternal iron status and transfer of iron to the fetus." In: *Physiology of the Mother-Fetus Relationship*. Lafond J and Vaillancourt C (eds). Research Signpost, 2010.

PUBLISHED: Publications

5. Brown SM*, Nguyen-Viet H, Grace D, Ty C, Samko P, Sokchea H, Pov D, **Young MF**. "Our food may not be very safe, because nowadays everything uses chemicals:" Women's Perceptions of Food Safety and Nutrition in Phnom Penh, Cambodia. *BMJ Open*. In press 2022
6. Gosdin L, Sharma AJ, Suchdev PS, Jefferds ME, **Young MF**, Addo OY. Limits of Detection in Acute Phase Protein Biomarkers Affect Inflammation Correction of Serum Ferritin for Quantifying Iron Status Among School-Age and Preschool-Age Children And Reproductive-Age Women. *J Nutr*. 2022 Feb 18:nxac035. doi: 10.1093/jn/nxac035. Epub ahead of print. PMID: 35179209.
7. Kachwaha S, Nguyen PH, Tran LM, Avula R, **Young MF**, Ghosh S, Forissier T, Escobar-Alegria J, Sharma PK, Frongillo EA, Menon P. Specificity Matters: Unpacking Impact Pathways of Individual Interventions within Bundled Packages Helps Interpret the Limited Impacts of a Maternal Nutrition Intervention in India. *J Nutr*. 2022 Feb 8;152(2):612-629. doi: 10.1093/jn/nxab390. PMID: 34792151; PMCID: PMC8826931.
8. Vesel L, Spigel L, Behera JN, Bellad RM, Das L, Dhaded S, Goudar SS, Guruprasad G, Misra S, Panda S, Shamanur LG, Vernekar SS, Hoffman IF, Mvalo T, Phiri M, Saidi F, Kisenge R, Manji K, Salim N, Somji S, Sudfeld CR, Adair L, Caruso BA, Duggan C, Israel-Ballard K, Lee AC, Martin SL, Mansen KL, North K, **Young M**, Benotti E, Marx Delaney M, Fishman E, Fleming K, Henrich N, Miller K, Subramanian L, Tuller DE, Semrau KE. Mixed-methods, descriptive and observational cohort study examining feeding and growth patterns among low birthweight infants in India, Malawi and Tanzania: the LIFE study protocol. *BMJ Open*. 2021 Dec 2;11(12):e048216. doi: 10.1136/bmjopen-2020-048216. PMID: 34857554; PMCID: PMC8640640.
9. Bookhart LH*, Anstey EH, Kramer MR, Perrine CG, Reis-Reilly H, Ramakrishnan U, **Young MF**. A nation-wide study on the common reasons for infant formula supplementation among healthy, term, breastfed infants in US hospitals. *Matern Child Nutr*. 2021 Dec 14:e13294. doi: 10.1111/mcn.13294.
10. Duong MC*, Nguyen-Viet H, Grace D, Ty C, Sokchea H, Sina V, **Young MF**. Perceived neighbourhood food access is associated with consumption of animal-flesh food, fruits and vegetables among mothers and young children in peri-urban Cambodia. *Public Health Nutr*. 2021 Oct 1:1-12. doi: 10.1017/S1368980021004122.
11. Addo YO, Yu EX, Williams AM, **Young MF**, Sharma AJ, Mei Z, Kassebaum NJ, Jefferds ME, Suchdev PS. Evaluation of Hemoglobin Cutoff Levels to Define Anemia Among Healthy Individuals. *JAMA Network Open*. 2021 Aug 2;4(8):e2119123.
12. **Young MF**, Gosdin L, Hen H, Reinsma K, Baik D. Evaluation of mobile phone based positive deviance/health child undernutrition program in Cambodia. *Matern Child Nutr*. 2021:e13224
13. **Young MF**, Raines K, Jameel F, Sidi M, Streiff S, Nwajei P, McGlamry K, Ou J, Oladele A, Suchdev P. Non-invasive hemoglobin measurement devices require refinement to match diagnostic performance with their high level of usability and acceptability. *PLoS ONE*. 2021 Jul 16;16(7):e0254629.
14. **Young MF**, Bootwala A, Kachwaha S, Avula R, Ghosh S, Sharma PK, Shastri VD, Forissier T, Menon P, Nguyen P. Understanding implementation and improving nutrition interventions: Barriers and facilitators of using data strategically to inform the implementation of maternal nutrition in Uttar Pradesh, India. *Current Development in Nutrition*. 2021 Jun 2;5(6):nzab081.
15. Nguyen PH, Tran LM, Khuong LQ, **Young MF**, Duong TH, Nguyen HC, DiGirolamo AM, Martorell R, Ramakrishnan U. Child Linear growth during and after the first 1000 days is positively associated with intellectual functioning and mental health in school-age children in Vietnam. *J Nutr*. 2021 Jun 10:nxab182. doi: 10.1093/jn/nxab182. Epub ahead of print. (PMID: 34113979)
16. Nguyen PH, **Young MF**, Khuong LQ, Tran LM, Duong TH, Nguyen HC, Martorell R, Ramakrishnan U. Maternal preconception body size and early childhood growth during prenatal and postnatal periods are positively associated with child-attained body size at age 6-7 years: Results from a follow-up of the PRECONCEPT trial. *J Nutr*. 2021 May;151(5):1302-1310. (PMCID: PMC8112760).
17. Nguyen PH, **Young MF**, Tran ML, Khuong LQ, Duong TH, Nguyen HC, Truong TV, DiGirolamo AM, Martorell R, Ramakrishnan U. Preconception micronutrient supplementation positively affects child intellectual functioning at 6 y of age: A randomized controlled trial in Vietnam. *Am J Clin Nutr*. 2021 May;113(5):1199-1208. (PMCID: PMC8106753)

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18. Nguyen PH, Kachwaha S, Tran LM, Avula R, **Young MF**, Ghosh S, Sharma PK, Escobar-Alegria J, Forissier T, Patil S, Frongillo EA, Menon P. Strengthening nutrition interventions in antenatal care services affects dietary intake, micronutrient intake, gestational weight gain, and breastfeeding in Uttar Pradesh, India: Results of a cluster-randomized program evaluation. *J Nutr*. 2021 May 26:nxab131. doi: 10.1093/jn/nxab131. Epub ahead of print. (PMID: 34038529)
19. Greffeuille V, Fortin S, Gibson R, Rohner F, Williams A, **Young MF**, Houghton L, Ou J, Dijkhuizen MA, Wirth JP, Lander RL, McDonald CM, Suchdev PS, Berger J, Wieringa FT. Associations between zinc and hemoglobin concentrations in preschool children and women of reproductive age: An analysis of representative survey data from the Biomarkers Reflecting Inflammation and Nutritional Determinants of Anemia (BRINDA) Project. *J Nutr*. 2021 May;151(5):1277-1285. doi: 10.1093/jn/nxaa444. (PMID: 33693923)
20. **Young MF**, Mehta RV, Gosdin L, Kekre P, Verma P, Larson LM, Girard AW, Ramakrishnan U, Chaudhuri I, Srikantiah S, Martorell R. Home fortification of complementary foods reduces anemia and diarrhea among children aged 6-18 months in Bihar, India: A large-scale effectiveness trial. *J Nutr*. 2021 Apr 20:nxab065. doi: 10.1093/jn/nxab065. Epub ahead of print. (PMID: 33880566)
21. Mehta RV*, Wenndt AJ, Girard AW, Taneja S, Ranjan S, Ramakrishnan U, Martorell R, Ryan PB, Rangiah K, **Young MF**. Risk of dietary and breastmilk exposure to mycotoxins among lactating women and infants 2–4 months in northern India. *Matern Child Nutr*. 2021 Apr;17(2):e13100. (PMCID: PMC7988843)
22. Bookhart LH*, Joyner AB, Lee K, Worrell N, Jamieson DJ, **Young MF**. Moving beyond breastfeeding initiation: A qualitative study unpacking factors that influence infant feeding at hospital discharge among urban, socioeconomically disadvantaged women. *J Acad Nutr Diet*. 2021 Mar;S2212-2672(21)00078-2.
23. **Young MF**, Ramakrishnan U. Maternal undernutrition before and during pregnancy and offspring health and development. *Ann Nutr Metab*. 2021 Feb;1-13. doi: 10.1159/000510595. Epub ahead of print. (PMID: 33524980)
24. Mehta R*, Shetty SA, **Young MF**, Ryan PB, Rangiah K. Quantification of aflatoxins and ochratoxins in animal milk: a small-scale study. *J Food Sci Technol*. 2021 Jan. 58(9), 3453-3464 <https://doi.org/10.1007/s13197-021-04986-w>
25. Shetty SA, **Young MF**, Taneha S, Rangiah K. Effect of fat on protein estimation in milk and its correlation with lactose in different milk types: A small-scale study. *Asian Journal of Dairy & Food Research*. 2020 Dec;39(4):278-286.
26. Ohuma EO, **Young MF**, Martorell R, Ismail LC, Peña-Rosas JP, Purwar M, Garcia-Casal MN, Gravett MG, de Onis M, Wu Q, Carvalho M, Jaffer YA, Lambert A, Bertino E, Papageorghiou AT, Barros FC, Bhutta ZA, Kennedy SH, Villar J. International values for haemoglobin distributions in healthy pregnant women. *EclinicalMedicine*. 2020 Dec;29-30:100660. doi: 10.1016/j.eclinm.2020.100660. (PMCID: PMC7788439)
27. Mehta R*, Sreenivasa MA, Mathew M, Girard AW, Taneja S, Ranjan S, Ramakrishna, U, Martorell R, Ryan PB, **Young, M.F.** A mixed-methods study of pesticide exposures in breastmilk and community and lactating women's perspectives from Haryana, India. *BMC Public Health*. 2020 Dec;20(1):1877. (PMCID: PMC7720549)
28. Nguyen PH, **Young MF**, Khuong LQ, Ramakrishnan U, Martorell R, Hoffman DJ. Development of population-specific prediction equations for bioelectrical impedance analyses in Vietnamese children. *Br J Nutr*. 2020 Dec;124(12):1345-1352. (PMID: 32616079)
29. Yu XE*, Addo OY, Williams AM, Guo J, Engle-Stone R, Ou J, Huang W, Guo J, Suchdev PS, **Young MF**. Association between anemia and household water source or sanitation in preschool children: BRINDA project. *AJCN*. 2020 Aug;112(1S):488S-497S. (PMCID: PMC7396266)
30. Namaste SML, Ou J, Williams AM, **Young MF**, Yu EX, Suchdev PS. Adjusting iron and vitamin A status in settings of inflammation: a sensitivity analysis of the Biomarkers Reflecting Inflammation and Nutritional Determinants of Anemia (BRINDA) approach. *AJCN*. 2020 Aug;112(1S):458S-467S. (PMCID: PMC7396268)
31. Williams AM, Guo J, Addo OY, Ismail S, Namaste SML, Oaks BM, Rohner F, Suchdev PS, **Young MF**, Flores-Ayala R, Engle-Stone R. Intra-individual double burden of overweight or obesity and micronutrient deficiencies or anemia among women of reproductive age in 17 population-based surveys. *AJCN*. 2020 Aug;112(1S):468S-477S. (PMCID: PMC7396267)
32. **Young MF**, Guo J, Williams A, Whitfield KC, Nasrin S, Kancherla V, Suchdev PS, Crider KS, Pfeiffer CM, Serdula M. Interpretation of vitamin B-12 and folate concentrations in population-based surveys does not require adjustment for inflammation: Biomarkers Reflecting Inflammation and Nutritional Determinants of Anemia (BRINDA) project. *AJCN*. 2020 Apr;111(4):919-926. (PMCID: PMC7138687)
33. **Young MF**, Nguyen P, Kachwaha S, Mai LT, Ghosh S, Agrawal R, Escobar-Alegria J, Menon P, Avula M. It takes a village: An empirical analysis of how husbands, mothers-in-law, health workers, and mothers influence breastfeeding practices in Uttar Pradesh, India. *Matern Child Nutr*. 2020 Apr;16(2):e12892. (PMCID: PMC7083414)
 - a. Highlighted by the USAID Multi-sectoral Nutrition: Focus on Gender, edition in recognition of International Women's Day on March 8, 2020. This was a special edition of useful and inspiring resources to further gender equity as a key ingredient in improved nutrition.
 - b. Featured article for Family Health International, FHI360 for 2019.
34. Hruschka DJ, Williams AM, Mei Z, Leidman E, Suchdev PS, **Young MF**, Namaste S. Comparing hemoglobin distributions between population-based surveys matched by country and time. *BMC Public Health*. 2020 Mar;20(1):422. (PMCID: PMC7106890)

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35. **Young MF**, Nguyen P, Avula R, Tran LM, Menon P. A doubled edged sword? Improvements in economic conditions over a decade in India led to declines in undernutrition as well as increases in overweight among adolescents and women. *J Nutr.* 2020 Feb;150(2):364-372. (PMID: 31618429)
36. Shetty SA, **Young MF**, Taneja S, Rangiah K. Quantification of B-vitamins from different fresh milk samples using ultra-high performance liquid chromatography mass spectrometry/selected reaction monitoring methods. *J Chromatogr A.* 2020 Jan 4;1609:460452. doi: 10.1016/j.chroma.2019.460452. Epub 2019 Aug 13. (PMID: 31443970)
37. Nguyen PH, Kachwaha S, Avula R, **Young M**, Tran LM, Ghosh S, Agrawal R, Escobar-Alergria J, Patil S, Menon P. Maternal nutrition practices in Uttar Pradesh, India: Role of key influential demand and supply factors. *Matern Child Nutr.* 2019 Oct;e12839. (PMCID: PMC6852235)
38. **Young MF**, Oaks M, Tandon S, Martorell R, Dewey KG, Wendt AS. Maternal hemoglobin concentrations across pregnancy and maternal and child health: a systematic review and meta-analysis. *Ann NY Acad Sci.* 2019 Aug;1450(1):47-68. (PMID: 30994929)
39. **Young MF**, Nguyen PH, Gonzalez Casanova IG, Addo OY, Tran LM, Nguyen S, Martorell R, Ramakrishnan U. Role of maternal preconception nutrition on offspring growth and risk of stunting across the first 1000 days in Vietnam: A prospective cohort study. *PLoS One.* 2018 Aug 30;13(8):e0203201. (PMCID: PMC6117029)
40. Larson LM*, Guo J, Williams AM, **Young MF**, Ismaili S, Addo OY, Thurnham D, Tanumihardjo SA, Suchdev PS, Northrop-Clewes CA. Approaches to Assess Vitamin A Status in Settings of Inflammation: Biomarkers Reflecting Inflammation and Nutritional Determinants of Anemia (BRINDA) Project *Nutrients* 2018 Aug;10(8):1100. (PMCID: PMC6115742)
41. Mehta R*, Martorell R, Chaudhuri I, Webb Girard A, Ramakrishnan U, Verma P, Kekre P, Srikantiah S, **Young MF**. Use of monitoring data to improve implementation of a home fortification program in Bihar, India. *Matern Child Nutr.* 2019 Jul;15(3):e12753. (PMCID: PMC6617994)
42. Larson LM*, **Young MF**, Bauer PJ, Mehta R, Webb Girard A, Ramakrishnan, Verma P, Chaudhuri I, Srikantiah S, Martorell R. Effectiveness of a home fortification program with multiple micronutrients on infant and young child development: a cluster randomized trial in rural Bihar, India. *Br J Nutr.* 2018 Jul;120(2):176–187. (PMCID: PMC6088539)
43. Gosdin L*, Martorell R, Bartolini R, Mehta R, Srikantiah S, **Young MF**. The Co-occurrence of Anemia and Stunting in Young Children. *Matern Child Nutr.* 2018 Jul;14(3):e12597. (PMID: 29468825)
44. Suchdev PS, **Young MF**, Williams A, Addo Y, Namaste S, Aaron AJ, Neufeld L, Raiten DJ, Flores-Ayala R, on behalf of the BRINDA Working Group. Reply to ST McSoreley et al. *Am J Clin Nutr.* 2018 Jul;108(1):202-203.
45. **Young MF**. Maternal anaemia and risk of mortality: a call for action. *Lancet Glob Health.* 2018 May;6(5):e479-e480. (PMID: 29571593)
46. Wendt AS*, Stephenson R, **Young MF**, Verma P, Srikantiah S, Webb-Girard A, Hogue CJ, Ramakrishnan U, Martorell R. Identifying bottlenecks in the iron and folic acid supply chain in Bihar, India: A mixed-methods study. *BMC Health Serv Res.* 2018 Apr;18(1)281. (PMCID: PMC5898001)
47. **Young MF**, Webb Girard A, Mehta R, Srikantiah S, Gosdin L, Menon P, Ramakrishnan U, Martorell R, Avula R. Acceptability of multiple micronutrient powders and iron syrup in Bihar, India. *Matern Child Nutr.* 2018 Apr;14(2):e12572. (PMCID: PMC5900720)
48. Conkle J*, Kounnavong S, **Young MF**, Stein A. Premastication and length-for-age among children under 24 months in Laos. *Matern Child Nutr.* 2018 Jan;14(1):e12456. (PMCID: PMC6866011)
49. Nguyen PH, DiGirolamo A, Gonzales-Casanova I, **Young MF**, Kim N, Nguyen S, Martorell R, Ramakrishnan, U. Influences of early child nutritional status and home learning environment on child development in Vietnam. *Matern Child Nutr.* 2018 Jan;14(1):e12468. (PMCID: PMC6865959)
50. Larson L*, **Young MF**, Mehta R, Ramakrishnan U, Webb Girard A, Verma P, Chaudhuri I, Srikantiah S, Martorell R. A cross-sectional survey in rural Bihar, India, indicates that nutritional status, diet and stimulation are associated with motor and mental development in young children. *J. Nutr.* 2017 Aug;147(8):1578-1585. (PMCID: PMC5525111)
51. Nguyen PH, Gonzalez-Casanova I, **Young MF**, Truong TV, Hoang H, Nguyen H, Nguyen S, DiGirolamo AM, Martorell R, Ramakrishnan U. Preconception micronutrient supplementation with iron and folic acid compared to folic acid alone impacts linear growth and fine motor development at 2 years of age. A randomized controlled trial in Vietnam. *J. Nutr.* 2017 Aug;147(8):1593-1601. (PMID: 28615372)
52. Gonzalez-Casanova I, Nguyen PH, **Young MF**, Harding KB, Reinhart G, Nguyen H, Nechitillo M, Truong TV, Pham H, Nguyen S, Neufeld LM, Martorell R, Ramakrishnan U. Predictors of adherence to micronutrient supplementation before and during pregnancy in Vietnam. *BMC Public Health.* 2017 May;17(1):452. (PMCID: PMC5434576)
53. **Young MF**, Nguyen PH, I, Addo OY, Pham H, Nguyen S, Martorell R, Ramakrishnan U. Timing of Gestational Weight Gain on Fetal Growth and Infant Size at Birth in Vietnam. *PloS One.* 2017 Jan;12(1):e0170192. (PMCID: PMC5256875)
54. **Young MF**, Ramakrishnan U. 2016. Adolescent girls and women’s nutritional status in India: A critical review of current understanding, gaps and challenges. *India Health Report: Nutrition 2016.* New Delhi, India: Public Health Foundation of India.
55. Nguyen PH, **Young M**, Gonzalez-Casanova I, Pham H, Nguyen H, Truong TV, Nguyen S, Harding KB, Reinhart GA, Martorell R, Ramakrishnan U. Impact of preconception micronutrient supplementation on anemia and iron status during pregnancy and postpartum: A randomized controlled trial in rural Vietnam. *PloS One.* 2016. Dec;11(12):e0167416. (PMCID: PMC5137891)

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56. Nguyen PH, Addo OY, **Young M**, Gonzalez-Casanova I, Pham H, Truong TV, Nguyen S, Martorell R, Ramakrishnan U. Patterns of fetal growth based on ultrasound measurement and its relationship with small for gestational age at birth in rural Vietnam. *Paediatr Perinat Epidemiol*. 2016 May;30(3):256-66. (PMID:26848715)
57. **Young MF**, Nguyen PH, Addo OY, Hao W, Nguyen H, Pham H, Martorell R, Ramakrishnan U. The relative influence of maternal nutritional status before and during pregnancy on birth outcomes in Vietnam. *Eur J Obstet Gynecol Reprod Biol*. 2015 Nov;194:223-7. (PMID: 26454228)
58. Wendt A*, Stephenson R, **Young M**, Webb-Girard A, Hogue C, Ramakrishnan U, Martorell R. Individual and facility-level determinants of iron and folic acid receipt and adequate consumption among pregnant women in Bihar, India. *PLoS One*. 2015 Mar;10(3):e0120404. (PMCID: PMC4368810)
59. Martorell R, Acencio M, Tacsan L, Alfaro T, **Young MF**, Addo Y, Dary O, Rafael Flores-Ayala R. Effectiveness evaluation of the food fortification program of Costa Rica: impact on anemia prevalence and hemoglobin concentrations in women and children. *Am J Clin Nutr*. 2015 Jan;101(1):210-7. (PMCID: PMC5884061)
60. **Young MF**, Martorell R. The public health challenge of early growth failure in India. *Eur J Clin Nutr*. 2013 May;67(5):496-500.
61. Martorell R, Young MF. Patterns of stunting and wasting: Potential explanatory factors. *Adv Nutr*. 2012 Mar;3(2):227-233. (PMCID: PMC3648726)
62. **Young MF**, Griffin I, Pressman E, McIntyre AW, Cooper E, McNanley T, Harris ZL, Westerman M, O'Brien KO. Maternal hepcidin is associated with placental transfer of iron derived from dietary heme and nonheme sources. *J. Nutr*. 2012 Jan;142(1):33-9. (PMCID: PMC3237230)
63. Jaacks LM, **Young MF**, Essley BV, McNanley TJ, Cooper EM, Pressman EK, McIntyre AW, Orlando MS, Abkowitz JL, Guillet R, O'Brien KO. Placental expression of the heme transporter, Feline Leukemia Virus Subgroup C Receptor, is related to maternal iron status in pregnant adolescents. *J Nutr*. 2011 Jul;141(7):1267-72. (PNCID: PMC3738384)
64. **Young MF**, Griffin I, Pressman E, McIntyre AW, Cooper E, McNanley T, Harris ZL, Westerman M, O'Brien KO. Utilization of iron from an animal-based iron source is greater than that of ferrous sulfate in pregnant and nonpregnant women. *J.Nutr*. 2010 Dec;140(12):2162-6. (PMCID: PMC2981003)
65. **Young MF**, Pressman E, Foehr ML, McNanley T, Cooper E, Guillet R, et al. Impact of maternal and neonatal iron status on placental transferrin receptor expression in pregnant adolescents. *Placenta*. 2010 Nov;31(11): 1010-4. (PMID: 20828813)
66. **Young MF**, Glahn RP, Ariza-Nieto M, Inglis J, Olbina G, Westerman M, O'Brien KO. Serum hepcidin is significantly associated with iron absorption from food and supplemental sources in healthy young women. *Am. J. Clin.Nutr*. 2009 Feb;89:533-8. (PMID:19073788)
67. Li S, Tayie FA, **Young MF**, Rocheford T, White WS. Retention of provitamin A carotenoids in high beta-carotene maize (*Zea mays*) during traditional African household processing. *J Agric.Food Chem*. 2007 Dec;55:10744-50. (PMID: 18047281)

ABSTRACTS/PRESENTATIONS

1. **Young MF**, Baik B, Reinsma K, Gosdin L, Rogers HP, Oy S, Hen H, Ouk S, Chorvann C. Evaluation of Mobile Phone-based Positive Deviance/Hearth. Undernutrition Program in Cambodia 'Delivering for Nutrition (D4N) in South Asia: Implementation Research in the Context of COVID-19' on December 1-2, 2021
2. Roshania RP, Cunningham SA, Das Arita, Bag Tanusree, Giri R, **Young MF**, Srikantiah S, Mahaptra T, Ramakrishnan U. Circular migration and child nutrition: a comparison of children from family circular migrant, male migrant, and non-migrant households in Bihar, India. IUSp 29th International Population Conference. December 6th 2021.
3. Bookhart, LH*, Anstey, EH, Kramer, M, Perrine, CG, Ramakrishnan, U, **Young, MF**. (Accepted for Oct. 2021). Association of the Ten Steps to Successful Breastfeeding with In-Hospital Exclusive Breastfeeding in the US. Poster presentation at the American Public Health Association. Virtual presentation.
4. Bookhart, LH*, **Young, MF**. (June 2021). Maternity Care Practices and Policies and the Association with Early Breastfeeding Outcomes. Oral presentation for the National Association of County and City Health Officials. National virtual office hour.
5. **Young MF**. Ou C, Yu E, Addo Y, Williams A, Suchdev P. Adjusting ferritin concentrations for inflammation in pregnant women: Biomarkers Reflecting Inflammation and Nutritional Determinants of Anemia (BRINDA) project. Micronutrient Forum. Bangkok, Thailand. Online Nov 2020
6. Gosdin L*, **Young MF**. Home gardening and climate resilience in agriculture are associated with improved dietary diversity and growth of young children in peri-urban Cambodia. Micronutrient Forum. Bangkok, Thailand. Online Nov 2020
7. Mehta R*, Rangiah K, Sreenivasa MA, Mathew M, Webb Girard A, Taneja S, Ranjan S, Ramakrishnan U, Ryan PB, Martorell R., **Young MF** Quantification of mycotoxins and pesticides in human breastmilk samples from Haryana, India. Poster presentation at Micronutrient Forum. Bangkok, Thailand. Online Nov 2020
8. Bookhart, LH*, Joyner, A, Lee, Kelly, Worrell, N, Jamieson, DJ, **Young, MF**. (Oct. 2020). Unpacking barriers and facilitators for supporting women to exclusively breastfeed at hospital discharge. Oral presentation at the American Public Health Association. Virtual presentation.
9. Roshania R*, Giri R, Cunningham SA, **Young MF**, Girard AW, Das A, Mala GS, Srikantiah S, Mahaptra T, Ramakrishnan U. The effects of early and repeat migration on undernutrition among circular migrant children in Bihar. Oral presentation at Delivering for Nutrition in India: Insights from Implementation Research (Virtual). September 2020.

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10. Bookhart, LH,* **Young, MF**. (Aug. 2020). Unpacking barriers and facilitators to exclusively breastfeed at hospital discharge. Oral presentation for the National Association of County and City Health Officials. National virtual webinar
11. Bootwala A*, Nguyen P, Kachwaha S, Avula R, Ghosh S, Forissier T, Menon P, **Young MF**. Understanding how the strategic use of data can improve the implementation of Maternal Nutrition Interventions in Uttar Pradesh (UP), India ASN 2020
12. Nguyen PH, **Young MF**, Long Quynh Khuong, Thai Hong Duong, Hoang Cong Nguyen Truong Viet Truong, Ann M DiGirolamo, Reynaldo Martorell, Usha Ramakrishnan. Preconception micronutrient supplementation positively affects child development at 6 years of age: A randomized controlled trial in Vietnam. ASN 2020
13. Ramakrishnan U, **Young MF**, Long Quynh Khuong, Lan Mai Tran, Thai Hong Duong, Hoang Cong Nguyen, Truong Viet Truong, Reynaldo Martorell, Phuong H Nguyen Preconception micronutrient supplementation affects maternal body mass index post-partum: A randomized controlled trial in Vietnam. ASN 2020
14. Nguyen PH, **Young MF**, Khuong LO, Martorell R, Ramakrishnan U, Hoffman DJ. Development of population-specific prediction equations for bioelectrical impedance analyses in Vietnamese Children. ASN 2020
15. **Young MF**, Oaks M, Tandon S, Martorell R, Dewey KG, Wendt AS. Maternal hemoglobin concentrations across pregnancy and maternal and child health: a systematic review and meta-analysis. ASN 2019. Baltimore, Maryland
16. **Young MF**, Nguyen P, Kachwaha S, Tran LM, Ghosh S, Agrawal R, Escobar-Alegria J, Menon P, Avula R. It takes a village: An empirical analysis of how husbands, mothers-in-law, health workers and mothers influence breastfeeding practices in Uttar Pradesh, India. ASN 2019. Baltimore, Maryland
17. **Young MF**, Nguyen P, Avula R, Tran LM, Menon P. Trends and determinants of low body mass index (BMI) among 750,000 adolescents and women of reproductive age in India. ASN 2019. Baltimore, Maryland
18. Yu E*, Williams A, Addo YO, Suchdev PS, Guo J, Ismaily S, **Young MF**. Association between water and sanitation with Anemia in preschool children: Biomarkers Reflecting Inflammation and Nutritional Determinants of Anemia (BRINDA) Project. ASN 2019. Baltimore, Maryland
19. Gosdin L*, Baik D, Reinsma K, and **Young MF**. A mixed methods Approach to Measuring Food Insecurity in Cambodia. ASN 2019. Baltimore, Maryland
20. Mehta R*, Shetty S, **Young MF**, Ryan BP, Rangiah K. Quantification of mycotoxins in animal milk from India. ASN 2019. Baltimore, Maryland
21. Brown M*, Ty C, Samkol P, Delia G, Nguyen H, **Young MF**. “*Our food may not be very safe, because now days everything uses chemicals:*” Women’s Perceptions of Food Safety and Nutrition in Phnom Penh, Cambodia.” 2019 Global Nutrition Symposium: “Extending Our Reach: Improving human nutrition and incomes through effective livestock research and extension partnerships” Nepal 2019
22. Roshania R*, Giri R, **Young M**, Sai Mala G, Girard AW, Cunningham S, Das A, Mahapatra T, Srikantiah S, Ramakrishnan U. Food environments and child nutrition among circular migrant families working in the brick kilns of Bihar, India. ANH 2019. Hyderabad, India
23. Roshania R*, Giri R, **Young, M**, Sai Mala G, Girard AW, Cunningham S, Das A, Mahapatra T, Srikantiah S, Ramakrishnan U. Child nutrition among circular migrant families working in the Brick Kilns of Bihar, India. ASN 2019. Baltimore, Maryland
24. Addo Y, Yu E, Williams A, **Young MF**, Sharma A, Mei Z, Jefferds ME, Suchdev PS. Evaluation of Hemoglobin Cutoffs for Defining Anemia in A Multinational Sample of Healthy Individuals: The BRINDA Project. ASN 2019. Baltimore, Maryland
25. **Young MF**, Chair for Symposium: Interpreting the Complex Interplay between Inflammation, Nutrition & Health. American Society for Nutrition Meeting, Boston June, 2018
26. Ismaily S, Addo OY, Williams AM, Guo J, Suchdev PS, **Young MF**. Adjusting ferritin concentrations for inflammation in school-age children: Biomarkers Reflecting Inflammation and Nutritional Determinants of Anemia (BRINDA) project. American Society for Nutrition Meeting, Boston June, 2018
27. Guo J, Larson LM, Williams A, **Young MF**, Ismaily S, Addo YO, Thurnham D, Tanumihardjo SA, Suchdev P, Northrop-Clewes C. Adjusting serum retinol and retinol-binding protein concentrations for inflammation: BRINDA project. American Society for Nutrition Meeting, Boston June, 2018
28. Menon P, Nguyen PH, Headey D, Avula R, Tran LM, **Young MF**, Martorell R. Childhood wasting in India manifests early in life and is mainly explained by maternal and household deprivation: Insights from the 2015-2016 National and Health Family Survey American Society for Nutrition Meeting, Boston June, 2018
29. Roshania R*, Webb Girard A, **Young M**, Sridhar S, Cunningham S, Mala GS, Ramakrishnan U. The effects of repeated shifts in food environment and nutrition among children of circular migrants from Bihar, India. The Agriculture for Nutrition and Health (ANH) conference. June 2018
30. Grace D, Alonso S, Dasman H, de Haan N, Lindahl J, Nguyen-Viet H, Roesel K, Ty C, Tum S, Unger F, **Young MF**. Animal health and sustainable intensification: towards systematic and holistic prioritization of disease associated with consumption of livestock foods. International Sustainable Agricultural Intensification and Nutrition (SAIN) Conference. Phnom Penh, Cambodia. January, 2018. (oral)
31. **Young MF**, Mehta R, Gosdin L, Kekre P, Verma P, Larson L, Webb Girard A, Ramakrishnan U, Chaudhuri I, Srikantiah S, Martorell R. Impact of home fortification of complementary foods program on child anemia and stunting in Bihar, India. April 2017 The FASEB Journal vol. 31 no. 1 Supplement 165.7 (oral)
32. **Young MF**, Webb Girard A, Mehta R, Srikantiah S, Menon P, Ramakrishnan U, Martorell R, Avula R. Acceptability and feasibility of multiple micronutrient powders vs. iron syrup in young children in Bihar, India. FASEB. Chicago, IL 2017 (poster)

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33. Nguyen PH, **Young MF**, Gonzalez-Casanova I, Truong TV, Nguyen S, Martorell R, Ramakrishnan U. Effects of preconceptional weekly micronutrient supplements on maternal and child anemia during the first 2 Years of life. FASEB. Chicago, IL 2017 (poster)
34. Larson LM*, **Young MF**, PJ Bauer, R Mehta, Webb Girard A, Ramakrishnan U, Verma P, Chaudhuri I, Srikantiah S, Martorell R. Home fortification with multiple micronutrient powders improves infant and young child development in Bihar, India. FASEB, Chicago, IL 2017 (oral)
35. **Young MF**, Mehta R, Larson L, Kekre K, Verma P, Webb Girard A, Ramakrishnan U, Chaudhuri I, Srikantiah S, Martorell R. Assessing feasibility and program effectiveness of home fortification of complementary foods in Bihar: Design and methodology. Micronutrient Forum. Cancun, Mexico 2016 (poster)
36. Ramakrishnan U, **Young MF**. Current experiences delivering micronutrient interventions to adolescent girls: lesson learned and gaps. Micronutrient Forum. Cancun, Mexico 2016 (oral)
37. **Young MF**. Invited guest speaker. Women in global health. Emory Global Health Organization (EGHO). Atlanta, GA 2016. (oral)
38. **Young MF**, Mehta R, Larson L, Kekre K, Verma P, Webb Girard A, Ramakrishnan U, Chaudhuri I, Srikantiah S, Martorell R. Poor child feeding practices and malnutrition in Bihar, India. FASEB. San Diego, CA 2016 (poster)
39. **Young MF**, Nguyen PH, Addo OY, Hao W, Pham H, Truong TV, Nguyen S, Martorell R, Ramakrishnan U. The importance of timing of gestational weight gain for infant birth size in Vietnam. FASEB. San Diego, CA 2016 (poster)
40. Nguyen PH, **Young MF**, Addo OY, Hao W, Pham H, Truong TV, Nguyen S, Martorell R, Ramakrishnan U. The influence of maternal nutrition on fetal size based on ultrasound measurements throughout pregnancy. FASEB. San Diego, CA 2016 (poster)
41. Gonzalez Casanova I, Nguyen P, **Young MF**, Ford N, Nguyen H, Pham H, Truong TV, Truong SV, Ramakrishnan U. Ultrasound measurements during the third trimester predict height and stunting at 1 y of age among Vietnamese children. FASEB. San Diego, CA 2016
42. Mehta R*, **Young MF**, Kekre K, Verma P, Webb Girard A, Ramakrishnan U, Babu S, Devi I, Nawal D, Verma R, Kumar A, Alam S, Ranjan S, Swarup A, Chaudhuri I, Srikantiah S, Martorell R. Use of monitoring data to inform program implementation of a multiple micronutrient powders program in Bihar, India. FASEB. San Diego, CA 2016 (poster)
43. Larson L*, Mehta R, **Young MF**, Kekre K, Verma P, Webb Girard A, Ramakrishnan U, Chaudhuri I, Srikantiah S, Martorell R. Determinants of developmental milestones in infants and young children in Bihar, India. FASEB, San Diego, CA 2016 (oral)
44. **Young MF**. Strategies to tackle child malnutrition in Bihar. Invited guest speaker for the Rollins Association for South Asian Health. Emory University, Atlanta, GA 2015 (Oral)
45. **Young MF**, Kekre P, Verma P, Sheth M, Kumar AD, Trehan S, Chaudhuri I, Majumdar A, Webb-Girard A, Ramakrishnan U, Srikantiah S, Martorell R. A formative research study for home fortification of complementary foods under Integrated Family Health Program: Process and methodology. Micronutrient Forum, Addis Ababa, Ethiopia 2014 (poster)
46. Kekre P*, **Young MF**, Verma P, Sheth M, Kumar AD, Trehan S, Chaudhuri I, Majumdar A, Webb-Girard A, Ramakrishnan U, Srikantiah S, Martorell R. An implementation study to assess a health worker- based platform for a home fortification program in Bihar. Micronutrient Forum, Addis Ababa, Ethiopia 2014 (poster)
47. **Young MF**, Nguyen PH, Addo OY, Hao W, Nguyen H, Pham H, Truong TV, Nguyen S, Martorell R, Ramakrishnan U. The relative influence of prepregnancy weight and gestational weight gain on offspring birth size in Vietnam. FASEB. San Diego, CA 2014. (poster)
48. Wendt A*, **Young M**, Stephenson R, Webb Girard A, Ramakrishnan U Martorell R. Antenatal care and counseling measures increase iron and folic acid receipt among pregnant women in Bihar, India. FASEB. San Diego, CA 2014. (poster)
49. **Young MF**, Kekre P, Verma P, Srikantiah S, Majumdar A, Trehan S, Kumar AD, Chaudhuri I, Sheth M, Webb-Girard A, Ramakrishnan U, Martorell R. Community acceptability and utilization of micronutrient powder in Bihar, India. FASEB. Boston, MA 2013; 27:271. (poster)
50. Wendt A*, **Young M**, Martorell R. Understanding healthcare workers perceptions of iron and folic acid supplementation in Bihar, India. FASEB. Boston, MA 2013 27:243.3 (Oral)
51. Wendt A. *, **Young M.**, Martorell R. Identifying bottlenecks and opportunities in the iron and folic acid supply chain in Bihar, India. Global Maternal Health Conference, Tanzania 2013. (Oral)
52. **Young MF**, Wendt A, Ramakrishnan U, Martorell R. Iron supplementation recommendations during pregnancy: Case study of WHO, CDC, and India Government policies. FASEB. San Diego CA 2012;26:114.7 (Oral)
53. **Young MF**, Martorell R. Early wasting in India: a public health challenge. FASEB J. 2012;26:130.2 (Oral)
54. Cao C, Bemis T, **Young M**, McNanely T, Cooper E, Pressman E, Westerman M, Guillet R, O'Brien K. Neonatal and maternal iron status, but not serum folate, is related to placental expression of the proton coupled folate transporter (PCFT). FASEB. San Diego CA 2012 26:641.14 (Oral)
55. **Young MF**. Home Fortification of Complementary Foods. Integrated Family Health Initiative Partners Meeting. Bihar, India. 2012 (Oral)
56. O'Brien KO, Cao C, **Young MF**, McNanley TJ, Cooper EM, Pressman EK, McIntyre AW, Westerman M and Guillet R. Serum hepcidin at mid-gestation is not associated with neonatal hepcidin or maternal obesity among pregnant adolescents. FASEB. Washington DC 2011;25:238.4 (Oral)
57. Cao C, **Young M**, Kent T, Cooper E, Pressman E, McIntyre A, McNanley T, Westerman M, Guillet R, O'Brien K. Serum haptoglobin: a marker of maternal obesity and neonatal iron status. FASEB. Washington DC 2011 25:607.11 (Poster)

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58. Martorell M, Ramakrishnan U, Webb-Girard A, **Young MF**. Maternal nutrition issues and opportunities for interventions for IFHI in Bihar. Integrated Family Health Initiative Partners Meeting. Bihar, India. 2010 (Oral)
59. **Young MF**, Griffin I, Pressman E, McIntyre A, Cooper E, McNanley T, Harris L, Westerman M, and O'Brien KO. Non-heme and heme iron absorption during pregnancy. FASEB. Anaheim, CA 2010 24:208.5 (Oral)
60. Jaacks LM, **Young MF**, Essley BV, McNanley TJ, Cooper EM, Pressman EK, McIntyre AW, Orlando MS, Abkowitz JL, Guillet R, and O'Brien KO. Maternal and neonatal iron status impact the expression of the heme transporter, FLVCR, in the placenta. FASEB. Anaheim, CA 2010 24:208.6 (Poster)
61. Martorell M, Ramakrishnan U, Webb-Girard A, **Young MF**. Nutrition Opportunities. Integrated Family Health Initiative Partners Meeting. Bihar, India. 2010 (Oral)
62. **Young MF**, Foehr M, McNanley T et al. Role of maternal/fetal iron status on placental transferrin receptor expression. FASEB, New Orleans, LA 2009; 23:105.7 (Oral)
63. Marquis GS, Harding K, Colecraft EK, **Fox M**, Sakyi-Dawson O. Seasonal patterns of severe food shortages vary by region in Ghana. FASEB. San Francisco 2007; 21:A311. (Poster)

INVITED TALKS

1. Young MF. Effect of iron deficiency anemia on maternal health and birth outcomes. 2021 Grand Challenges Annual Meeting. November 8 2021
2. Young MF. Evaluation of a Non-Invasive Hemoglobin Determination Smartphone App to Detect Anemia in Refugees. Nutrition Support Professional Development Program. Children's Healthcare of Atlanta. October 26th 2021
3. Young MF. Pilot testing of an innovative imaging technology for assessing child body composition. Nutrition Support Professional Development Program. Children's Healthcare of Atlanta. October 26th 2021
4. Young MF. Suchdev P. Biomarkers Reflecting Inflammation and Nutritional Determinants of Anemia (BRINDA) project. priorities and overview. Micronutrient Technical Expert Stakeholder Group Meeting. May 28th 2021
5. Young MF. Results from Positive Deviance Hearth mHealth Research Project in Cambodia. Health and Nutrition Community of Practice Webinar. May 13th 2021
6. Young MF. Maternal Hemoglobin Concentrations Across Pregnancy and Maternal and Child Health. World Health Organization technical meeting on considerations to determine haemoglobin concentrations to define anaemia in the lifecycle Virtual meeting April 27th 2021
7. Young MF. Inflammation adjustment approaches to improve micronutrient status assessment globally: Updated finding from the BRINDA project. Micronutrient Forum. November 11th 2020.
8. Young MF. BRINDA project. Nutrition Branch Seminar. Centers for Disease Control & Prevention. October 15th 2020
9. Young MF. Improving Nutrition Assessment Globally: Updated findings from the BRINDA project. Nutrition Branch Seminar. Centers for Disease Control & Prevention. February 26th 2020
10. Young MF. New findings from the BRINDA project: adjusting biomarkers of zinc, vitamin B-12 and folate for inflammation. The UC Davis Institute for Global Nutrition. February 26th 2020
11. Young MF. Maternal hemoglobin concentrations across pregnancy and mother and child health: a systematic review and meta-analysis WHO guideline development group meeting: Use and interpretation of hemoglobin concentrations for assessing anemia status in individuals and populations 6 - 8 November 2019 Barcelona, Spain
12. Young MF. Evaluation of a Non-Invasive Hemoglobin Determination Smartphone App to Detect Anemia in Refugees. Emory Global Health Institute. Advisory Board Meeting. Atlanta, GA October 10th, 2019.
13. Young MF. Maternal and Child Nutrition Across the First 1000 days. Nutrition and Health Science Research Symposium. Emory University. February 7th 2019.
14. Young MF, Brown M, Ty C, Nguyen H. Nutrition and Food Safety in Phnom Penh, Cambodia: Qualitative Research Project. Safe Food, Fair Food for Cambodia Project. Annual Meeting 2018. Himawari Hotel, Phnom Penh, Cambodia. 5 September 2018

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15. Young, M.F. Maternal and Child Nutrition Global Situation and Solutions. Center of Excellence on Sustainable Agricultural Intensification and Nutrition (CE SAIN) in Cambodia. Royal University of Agriculture. Phnom Penh, Cambodia. January 16, 2018.
16. Young, M.F. Global Nutrition. University of Health Sciences Special Lecture Series. (UHS). Phnom Penh, Cambodia. January 12, 2018.
17. Young, M.F. Oaks, B., Tandon, S., Martorell, R., Dewey, K., Wendt, A. Larson L. Evidence for Hemoglobin Thresholds and Functional Outcomes in Young Children and in Pregnancy. The American Society of Hematology (ASH) 59th ASH Annual Meeting and Exposition. December 9-12, 2017. Atlanta, Georgia.
18. Young, M.F. Oaks, B., Tandon, S., Martorell, R., Dewey, K., Wendt, A. Maternal hemoglobin concentrations and maternal and child health: The role of etiology of anemia and times of measurement. World Health Organization. Technical meeting: Use and interpretation of hemoglobin concentration for assessing anemia status in individuals and populations. 29-30 November and 1 December 2017. Geneva, Switzerland.
19. Young, M.F. New evidence of the importance of early nutrition during the first 1,000 days of life. IUNS 2017 Buenos Aires, Argentina October 16th 2017.

RESEARCH SUPPORT

External Ongoing Research Support

Bill and Melinda Gates Foundation Young (PI) 06/14/18 – 08/31/22
Biomarkers Reflecting Inflammation and Nutritional Determinants of Anemia (BRINDA) – Data sharing to inform global estimates. \$831,077

The goal of this study is to inform the interpretation of micronutrient biomarker values in settings of prevalent inflammation, and furthermore to inform prevention and control strategies to address anemia.

Role: PI

National Institute of Health R03 Young (PI) 07/01/20 – 06/30/22
Mother-child hemoglobin at preconception and first 1000 days and child development at 6 years. \$156,000

To advancing the current state of knowledge on the effects of maternal and child Hb across the continuum of preconception, pregnancy and early childhood and on child health and development through the age of 6 years.

Role: PI

CGIAR Research Program on Agricultural Nutrition and Health (A4NH)/International Livestock Research Institute (ILRI) Young (Emory PI) 09/01/20 – 12/31/21
Food Safety and Nutrition. \$50,000

To understand barriers to improving the consumption of nutrient-rich food in young children and the link between diet, food safety practice with diarrhea incidences and nutrition outcomes.

USAID/Feed the Future Grace (PI) 09/01/20 – 12/31/21
Safe Food, Fair Food Cambodia. \$50,000

To evaluate market-based approaches to reduce foodborne diseases (including the role of gender, food security and nutrition).

Role: PI (Emory subcontract)

Bill and Melinda Gates Foundation Katherine Semrau, (PI) 11/01/18 – 10/31/21
Low Birthweight Infant Feeding Exploration (LIFE). \$156,369

The goal of the Low Birthweight Infant Feeding Exploration is to determine the most efficacious infant feeding strategies for LBW infants who fail to thrive while exclusively breastfeeding in the neonatal period in LMICs.

Role: PI (Emory Subcontract)

National Institutes of Health Lam (PI) 10/30/20 – 10/30/21
NIH Technology Accelerator Challenge

Sanguina, Inc and partners will develop a global health solution to fundamentally improve screening, diagnosis, and monitoring of anemia and its underlying etiologies such as sickle cell disease and malaria, which are leading sources of disability and death globally, especially in young children and pregnant women. Currently not receiving salary support for this award.

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McKing Consulting Corporation Young (PI) 12/21/20 – 9/28/21
Biomarkers Reflecting Inflammation and Nutritional Determinants of Anemia (BRINDA). \$199,980
This project aims to advance the knowledge, interpretation and application of biomarkers associated with anemia and nutritional status of micronutrients for diagnosing, preventing, and controlling the negative consequences of suboptimal nutritional conditions.
Role: PI (Emory Subcontract)

Completed Research Support

National Association of County and City Health Officials Young (PI) 08/1/20 – 07/31/21
Reducing Breastfeeding Disparities through Continuity of care. \$38,500
To understand individual and system-level factors influencing early supplementation with formula at hospital stay.
Role: PI (mentor to PhD student)

Emory Global Health Institute Young (PI) 06/01/18 – 08/15/20
Evaluation of a Non-Invasive Hemoglobin Determination Smartphone App to Detect Anemia in Refugees in Atlanta
To evaluate the accuracy of our low-cost, non-invasive smartphone hemoglobin level measurement app against levels obtained with the gold standard hematology analyzer and HemoCue® Hb-301 analyzer.
Role: PI

International Food Policy Research Institute Young (PI) 06/01/18 – 07/31/20
Gaps, Barriers and Opportunities Related to the Implementation of a Study Integrating Maternal Nutrition Interventions in Existing Reproductive, Maternal, Newborn and Child Health Services in Uttar Pradesh, India
This study aims to examine both the supply (program delivery) and demand (maternal utilization of program) side gaps, barriers and opportunities related to the new Integrated Maternal Nutrition program
Role: PI (Emory subcontract)

Emory University Synergy Award Freeman (PI) 05/01/19 – 04/30/20
Building an interdisciplinary research community to strengthen capacity and training for implementation science.
Role: Co-I

Bill and Melinda Gates Foundation Young (PI) 06/01/18 – 09/27/20
Biomarkers Reflecting Inflammation and Nutritional Determinants of Anemia (BRINDA) – Data sharing to inform global estimates
To collaborate with Institute for Health Metrics and Evaluation (IHME) to improve global anemia estimates and expand scope of BRINDA to pregnant women and mother-child dyads.
Role: PI

World Vision Canada Young (PI) 06/15/17 – 09/15/19
A randomized cluster control study of an interactive voice response intervention and PD/Hearth (“SKL”) to improve knowledge, behaviour change, and level of confidence in caregivers of underweight children in Cambodia
To provide evidence on the effectiveness of the positive deviant model (SKL) in Cambodia to reduce child malnutrition.
Role: PI of Emory subcontract

National Institute of Health (R21) Martorell (PI) 03/01/16 – 08/31/19
Maternal Nutrition and lactation performance in India
To examine the effects of maternal malnutrition on lactation performance and infant gut integrity in order to inform mother-centered interventions and programs aimed at reducing infant growth failure in the first 6 months of life in India.
Role: Co-Investigator

Emory-University Research Committee Young (Co-PI) 05/01/17 – 05/01/19
Environmental exposures during lactation in Haryana India.
To explore routes of mycotoxin and pesticide environmental exposure during lactation and potential impact on breastmilk composition and infant gut health.
Role: Co-PI

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- Bill and Melinda Gates Foundation Young (PI) 10/01/16 – 03/31/19
Biomarkers Reflecting Inflammation and Nutritional Determinants of Anemia (BRINDA II)
To produce more accurate estimates of global micronutrient status. Project is a multi-agency (Emory University, CDC, NIH, GAIN, SPRING, IZiNCG) and multi-country collaboration including data from over 17 countries.
Role: PI
- International Society for Research in Human Milk and Lactation Rukshan Mehta (Student) 2018 - 2019
Student award for trainee expansion program to work with CFTRI in Mysore India to learn advanced analytic methods for examination of environmental exposures (mycotoxins and pesticides) in breastmilk.
Role: Mentor
- World Health Organization Young (PI) 04/01/17 – 12/01/18
Maternal haemoglobin concentrations and mother and child health: The role of etiology of anemia and timing of measurement
Systematic review to summarize technical areas and identify evidence gaps to provide stakeholders on research needs and guidance on revising WHO haemoglobin cut off values.
Role: PI
- HarvestPlus Young (PI) 04/01/18 – 09/30/18
Harmonization of HarvestPlus nutrition surveys for phase 3 of the Biomarkers Reflecting Inflammation and Nutritional Determinants of Anemia (BRINDA) project.
Incorporate HarvestPlus nutrition surveys into BRINDA to improve micronutrient assessment and anemia characterization globally.
Role: PI
- CARE/ Bill and Melinda Gates Foundation Ramakrishnan (PI) 08/01/17 – 07/31/18
Technical Care to Bihar: Improving Health Nutrition Coverage and Outcomes
Bring expertise in the development of maternal and child nutrition programs and research projects in Bihar, India. Including a longitudinal cohort study of 5000+ children to examine the antecedents and determinants of severe acute malnutrition.
Role: Co-Investigator
- ELMO Graduate Student Funding Rukshan Mehta 2017 – 2018
Environmental Exposures during Lactation: Understanding Women's Experiences with Water, Hygiene, Sanitation and Food Systems in Rural Bihar.
Role: Mentor
- Thrasher Research Fund Martorell (PI) 11/01/15 – 10/31/17
Assessing the impact of home fortification of complementary foods on child cognitive development
To examine the role of multiple micronutrient powders on child development.
Role: Co-Investigator
- International Food Policy Research Institute Young (PI) 10/01/15 – 12/15/16
Relative Preference, Acceptability and Compliance of Iron Syrup vs. Multiple Micronutrient Powders among infants 6-23 months in Bihar, India
To inform the government of Bihar on the most acceptable and feasible supplementation option that is likely to have the higher potential for success.
Role: PI
- CARE/Bill & Melinda Gates Foundation Musa (PI) 10/01/10 – 09/30/16
Family Health Initiative (FHI) in Bihar, India
Bring expertise in the development of nutrition policies, action plans, and guidelines to increase access to nutrition services and essential products on the part of women and young children.
Role: Co-Investigator
- Thrasher Research Fund Young (PI) 02/01/14 – 07/31/16
Influence of maternal nutrition before and during pregnancy on child birth outcome
To analyze prospective preconception and pregnancy maternal nutrition data to examine how changes in maternal body composition at various points between pre-conception and delivery influence infant birth outcomes in Vietnam.
Role: PI

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The Micronutrient Initiative

Martorell (PI)

09/15/12 – 03/31/13

Assessing Impact of Micronutrient Fortification of Staples on Iron Status and Anemia in Women and Children in Costa Rica: an Analysis of National and Sentinel Site Surveys

To analyze national surveys in Costa Rica to see impact of fortification on anemia and iron status among women and children.

Role: Postdoctoral Research Fellow

National Institute of Health

Stover P (PI)

08/01/08 – 08/31/10

Title: ***NIH The National Institute of Diabetes and Digestive and Kidney Diseases Nutrition Training Grant no. T32DK07158-36.***

Goal: Support for graduate research.

Role: Investigator

HATCH/USDA

O'Brien (PI)

10/01/06 – 09/30/09

Title: ***Absorption of Heme and Non-Heme Iron in Pregnant and Non-Pregnant Women and Mechanisms of Fetal Iron Transfer.***

Goal: Increase understanding on mechanisms of iron metabolism in women of reproductive age and pregnancy and elucidate pathways of placental iron transfer and impact on infant iron stores at birth.

Role: Study Coordinator

Pending Research Support

McKing Consulting Corporation

Young (PI)

10/01/21 – 09/08/22

Biomarkers Reflecting Inflammation and Nutritional Determinants of Anemia (BRINDA). \$199,980

This project aims to advance the knowledge, interpretation and application of biomarkers associated with anemia and nutritional status of micronutrients for diagnosing, preventing, and controlling the negative consequences of suboptimal nutritional conditions.

Role: PI (Emory Subcontract)

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TEACHING PHILOSOPHY

My goal as a teacher is to create an environment that fosters learning, creativity and critical thinking and empower students to take ownership in their education and careers. I strive to facilitate a classroom that sparks student interest and where students feel free to ask questions and actively engage in meaningful dialog on the topic. Teaching is not limited to the classroom and I am a strong believer of “learn by doing.” One of my most rewarding experiences at Emory has been mentoring students. I have mentored 24 MPH student practicums where students apply what they have learned in the classroom to a real public health or program setting during a 10-week summer period. I work with students to design, develop, evaluate and write up their experiences. I have found a key element to this mentorship is providing students the confidence and encouragement to realize their own potential. I aim to empower students to be independent problem solvers to the inevitable challenges that global health represents and self-identify options and strategies to tackle the challenges of their work. I take great pride in the success of my students many of which have gone on to outstanding graduate schools, Peace Corps, CDC and local governments across the globe.

**Full teaching philosophy statement available upon request.*

TEACHING EXPERIENCE

Emory University Instructor (Primary) 2018-Present

- GH 552: Global Elimination of Micronutrient Malnutrition 2018-present

Emory University Co-Instructor: 2015-Present

- GH 546: Maternal and Child Nutrition 2015-present
- GH 549: Human Nutrition II 2015-present
- GH: Directed study (Program Evaluation of Workplace Lactation Support) 2017
- GH 501: Evidence-Based Policy, Programs and Research 2015, 2016, mentor new instructor for 2017

Emory University Guest Lectures:

- Global Nursing (N416);
Global Health Nutrition, 2015-2019
- Issues in women’s health (EPI 516);
Iron Deficiency Anemia, 2018-2019
- Foundations of Global Health (HLTH 250 / ANT 205);
Global Maternal and child Nutrition, 2016-2019
- Foundations of Maternal and Child Health (EPI 596, GH 596);
Nutrition through the life cycle, 2017
Co-advisor for lab section: Local breastfeeding project with Reaching our sisters everywhere
- Critical Issues in Global Health (GH 500);
Intervention options in global maternal and child health: 1st 1000 Days, 2016- 2018
- Nutrition Across the Life Cycle (HLTH 321)
Infant and Young Child Feeding Practices, 2015- 2019
- Human Nutrition II (GH 549)
Iron Metabolism 2012- 2015
Iron Deficiency and Excess 2012- 2015
- Maternal and Child Nutrition (GH 546)
Physiology of Lactation; 2012-2015
Nutrient Requirements during Lactation 2012- 2015
Maternal Nutrition and Lactation Performance 2012- 2015
Significance of Low Birth Weight 2015
Causes of Low Birth Weight 2015
Physiology of Pregnancy 2015
Nutrient Requirements of Pregnancy 2015
- Introduction to Nutrition (HLTH 220), 2013
Micronutrients: Minerals I and Minerals II

Cornell University Teaching Assistant

- Assisted with class activities/materials, grading and help sessions for the following courses:
Human Anatomy and Physiology, Social Science Perspectives on Food and Nutrition
Physicochemical & Biological Aspects of Foods Lab, Nutrition Health and Society

Iowa State Freshman Honor Program Leader

- Co-taught HON 121 seminar section for freshman honor students.

Iowa State Teaching Assistant

- Aided with class activities/materials, grading, and help sessions for Introduction to Human Nutrition course.

MELISSA FOX YOUNG, PhD

MENTORSHIP

Emory MPH Practica:

1. **Sherry Chen** “*Anganwadi worker interactions with beneficiaries during counseling sessions and home visits on complementary feeding.*” 2011
2. **Niharika Bhattarai** “*Monitoring and Evaluation: Development of CARE Strategy.*” 2011
3. **Anita Panjawani** “*Breastfeeding and Complementary feeding in Bihar: Methods for assessment, FLW training and post-training evaluation.*” 2011
4. **Katie Catevenis** “*Survey development and data analysis: Nutrition assessment Patna, Bihar.*” 2011
5. **Joseph Davies** “*Self Help Groups a Community Mobilization Approach to Improving Nutrition of Pregnant Women and Children under 3 years.*” 2011
6. **Priya Kekre** “*Breastfeeding and Complementary feeding in Bihar: Methods for assessment, FLW training and post-training evaluation.*” 2011
7. **Swathi Sekar** “*Documenting the Gram Varta (Village Dialogue) Intervention’s Pilot Year*” 2012
8. **Alexandra Piaskecki** “*Formative research in Maternal Nutrition in Patna, Bihar.*” 2012
9. **Maryam Khalid** “*Exploring and Addressing Complementary Feeding Practices in Barriah, West Champarn.*” 2012
10. **Alexandra Anderson** “*Exploring and Addressing Complementary Feeding Practices in Barriah, West Champarn.*” 2012
11. **Megan Cohen** “*Finding Alternative Delivery Platforms for Micronutrient Powders in Bihar.*” 2013
12. **Rony Jose** “*Finding Alternative Delivery Platforms for Micronutrient Powders in Bihar.*” 2013
13. **Deborah Kortso Collison** “*Innovative Feeding Bowl and Spoon Project.*” 2013
14. **Katrina Colbourne** “*In-depth analysis of the perceptions, understanding and utilization of complementary feeding content of IFHI trainings and job aids across different program levels in Bihar, India.*” 2013
15. **Saiza Jivani** “*In-depth analysis of the perceptions, understanding and utilization of complementary feeding content of IFHI trainings and job aids across different program levels in Bihar, India.*” 2013
16. **Priya Gupta**, “*Understanding of Dietary Intake, Cost, and Availability of Nutrient-rich Food Sources for Women and Children in Bihar, India.*” 2014
17. **Pamela Deleon**, “*Understanding of Dietary Intake, Cost, and Availability of Nutrient-rich Food Sources for Women and Children in Bihar, India.*” 2014
18. **Lauren Thesis**, “*Exploring Presence and Access to Nutrition Entitlements, Services, and Benefits for Women in Bihar.*” 2014
19. **Sarah Divya**, “*Exploring Presence and Access to Nutrition Entitlements, Services, and Benefits for Women in Bihar.*” 2014
20. **Nicky Meyyazhagan**, “*Infant & Young Child Feeding Practices in Bihar, India*” 2015
21. **Erica Lee**, “*Use of photo voice to document and characterize complementary feeding practices and use of MMP within a program context.*” 2015
22. **Kelsey Holmes** “*Cultural, social and environmental factors that affect maternal survival among the Soliga.*” 2015
23. **Gunjan Batra**, “*Use of photo voice to document and characterize complementary feeding practices and use of MMP within a program context.*” 2015
24. **Garret Fox**, “*Child dietary intake in El Salvador.*” 2016
25. **Natalie Fields**, “*Breastfeeding promotions across continuum of care in Atlanta, GA.*” 2017
26. **Madhu Govindu**, “*Contextualization and validation of water, sanitation, and hygiene tools for Bihar, India.*” 2017
27. **Wendy Avila**, “*Barrier and facilitators to breastfeeding practices in Nicaragua.*” 2017
28. **Daniel Balcazar**, “*Complementary feeding practices in Nicaragua.*” 2017
29. **Morgan Brown**, “*Nutrition and food safety in Phnom Penh, Cambodia.*” 2018
30. **Nidhi Shukla**, “*Gaps, Barriers and Opportunities Related to the Implementation of Maternal Nutrition Study in Uttar Pradesh, India*” 2018
31. **Emma Yu**, “*Association between water, sanitation, and hygiene (WASH), and iron deficiency, anemia, and iron-deficiency anemia.*” 2018
32. **Tsedenia Tewodros**, “*Social and Behavior change Save the Children*” 2018
33. **Nicole Groff**, “*Qualitative assessment of caregiver experiences and participation in World Vision positive deviance/hearth nutrition program in Cambodia.*” 2019
34. **Neha Jhaveri**, “*Qualitative Assessment: An In-depth Understanding of Maternal Nutrition Program Implementation in Uttar Pradesh, India.*” 2019
35. **Ahad Bootwala**, “*Use of monitoring data to improve maternal nutrition program implementation in Uttar Pradesh, India.*” 2019
36. **Nastassia Donoho**, “*Assessing Facilities Readiness for Neonatal Emergencies in Amhara, Ethiopia.*” 2020
37. **Jane Jungeun Park**, “*The co-occurrence of malnutrition among children who participated in the PD-Hearth program in Cambodia and Bangladesh.*” 2020
38. **Paige Rogers**, “*Systematic review and meta-analysis update on maternal hemoglobin.*” 2021

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Rollins School of Public Health MPH Thesis Committees:

1. **Alexandra Marie Piasecki** “*Maternal nutrition practices and perceptions in Bihar, India.*” May 2013.
2. **Yu Wang** “*Influence of women’s empowerment on child nutritional status in Bihar, India.*” August 2013.
3. **Saiza Jivani** “*Gaps, Barriers and Opportunities for Infant and Young Child feeding content across CARE staff and Midwives in Bihar India.*” May 2014
4. **Katrina Colbourne** “*FLW knowledge of infant and young child feeding content and use of job aids and household knowledge and Practice in Bihar, India.*” 2015
5. **Nicky Meyyazhagan.** “*Infant & Young Child Feeding Practices in Bihar, India.*” 2016
6. **Erica Lee.** “*Determinants of child and household dietary diversity.*” 2016
7. **Gunjan Batra.** “*Use of photo voice to document and characterize complementary feeding practices and use of MMP within a program context.*” 2016
8. **Kelsey Holmes** “*Cultural, social and environmental factors that affect maternal survival among the Soliga.*” 2016
9. **Garret Fox.** “*Child dietary intake in El Salvador.*” 2017
10. **Iju Shakya.** “*Role of mother support groups in addressing under-nutrition issues in Sri Lanka.*” 2017
11. **Emily Frost.** “*The association between indoor air pollution and child stunting in the Democratic Republic of Congo.*” 2017
12. **Lucas Gosdin.** “*Co-occurrence and determinants of stunting and anemia in Bihar, India.*” 2017
13. **Madhu Govindu.** “*Contextualization and validation of water, sanitation, and hygiene tools for Bihar, India.*” 2018
14. **Sasha Gambrah.** “*Understanding the Relationship Between Assisted Reproductive Technologies and Breastfeeding Outcomes: A Systematic Literature Review.*” 2018
15. **Natalie Fields.** “*Grant Proposal Addressing Multi-Generational Perspectives on Breastfeeding among African American Women through a Church-Based Peer and Professional Breastfeeding Support Program.*” 2018
16. **Ellison Taylor.** “*Role of animal source food on child nutrition in Cambodia.*” 2018
17. **Christina Palazzo** “*Program and Evaluation Plan for 1,000 Days of Difference: An Integrated Maternal, Newborn, and Child Health Program in Managua, Nicaragua.*” (University of North Carolina at Chapel Hill Master of Public Health in the Public Health Leadership Program- Second reader) 2018
18. **Wendy Avila** “*In-Depth Assessment of Exclusive Breastfeeding Attitudes, Beliefs, Practices, and Key Influencers of Behavior in Villa Guadalupe, Managua*” 2018
19. **Morgan Brown,** “*Our food may not be very safe, because now days everything uses chemicals:” Women’s Perceptions of Food Safety and Nutrition in Phnom Penh, Cambodia.* 2019
20. **Emma Yu,** “*Association between water, sanitation, and hygiene (WASH), and anemia in preschool children*” 2019
21. **Sarah Hoening.** “*What influences FLWs ability to implement home fortification of complimentary foods with MMPs for children in Bihar, India?*” 2019
22. **Weixing Huang.** “*Predictors of anemia in adolescents.*” 2019
23. **Kelley Raines.** “*Child cognition and anemia in Vietnam.*” 2020 (committee member)
24. **Neha Jhaveri,** “*Qualitative Assessment: An In-depth Understanding of Maternal Nutrition Program Implementation in Uttar Pradesh, India.*” 2020
25. **Ahad Bootwala,** “*Use of monitoring data to improve maternal nutrition program implementation in Uttar Pradesh, India.* 2020
26. **Tigidankay Fadika,** “*FLW implementation of MNPs in Bihar, India.*” 2020
27. **Nastassia Donoho,** “*Determinants of Early Exclusive Breastfeeding among Ethiopian Infants: Cross-sectional Analysis from the Performance Monitoring for Action Data 2016.*” 2021
28. **Qingqi Ren.** “*Comparing Methods to Handle Missing Data in the Estimation of Population Attributable Factors of Anemia in Preschool Children.*” 2021 Biostatistics student (Reader)
29. **Paige Rogers.** “*Determinants of early exclusive breastfeeding in Ethiopia.*” 2022
30. **Gabriela Muller.** “*In-depth understanding of capability, opportunity and motivation for breastfeeding among mothers in Haryana, India.*” 2022

Rollins School of Public Health Faculty Advisor:

1. **Lucas Gosdin.** 2015- 2017
2. **Sasha Gambrah** 2016-2018
3. **Tsedenia Tewodros** 2017- 2019
4. **Carlen Stadnik** 2018-2020
5. **Lyndesy Dickson** 2018-2020
6. **Nastassia Donoho** 2019-2020

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Emory University Nutrition PhD Committees:

1. **Amanda Wendt.** *"Improving Iron and Folic Acid Supplementation during Pregnancy in Bihar, India."* 2014 (Committee Member)
2. **Leila Larson** *"The consequences of malnutrition, and effects of multiple micronutrient powders, on young child development in India"* 2017 (Committee Member)
3. **Emily Faerber** *"Novel strategies for Measuring complementary feeding and achieving behavior change in East Africa."* 2019 (Committee Member)
4. **Rukshan Mehta** *"Environmental and Food Systems Exposures during Lactation: Mycotoxins and Pesticides in human milk from Haryana, India"* 2020 (**Chair of Committee**)
5. **Reshma Roshania** *"Circular migration and child nutrition: a study among families who seasonally migrate to the brick kilns of Bihar, India"* 2021 (Committee Member)
6. **Larelle Bookhart.** *"Breastfeeding support and factors associated with early supplementation in US Hospitals."* 2021 (**Chair of Committee**)
7. **Minh-Cam (Candice) Duong.** *"Food environment and dietary quality in the early childhood: a mixed-methods research in Vietnam and Cambodia"*. Expected 2022 (**Co-Chair of Committee**)
8. **Priya Gupta:** *"Improving Assessment of Malnutrition in Early Life Using Postmortem Data from The Child Health and Mortality Prevention Surveillance Network"* Expected 2023 (Committee Member)

Emory University Nutrition PhD Rotation Advisor:

1. **Katherine Alonso,** *"Assessment of facility based policies and practices to support breastfeeding among low birth weight infants in Ethiopia"* 2022
2. **Kasthuri Sivalogan.** *"Systematic review to examine the effects of complementary food hygiene interventions on food hygiene practice, food contamination and childhood diarrhea"* 2022
3. **Sonia Tandon.** *"Time-specific role of maternal hemoglobin concentrations across preconception and pregnancy on birth outcomes in Vietnam"* 2021
4. **Lucas Gosdin.** *"Positive Deviance Hearth, mHealth, and Food Security in Cambodia."* 2019
5. **Larelle Bookhart.** *"To examine the current infrastructure and environment associated with breastfeeding support to understand key factors influencing maternal decisions to initiate and maintain breastfeeding."* 2019
6. **Candice Duong.** *"Examination of the linkage between nutrition, food safety and food insecurity in households with children in Cambodia"* 2019
7. **Natalia Elvira Poveda-Rey.** *Qualitative Assessment: An In-depth Understanding of Maternal Nutrition Program Implementation in Uttar Pradesh, India.* 2019

Emory College of Arts and Sciences, Center for the Study of Human Health, Honor Committee:

1. **Deborah K. Chen** *"Surrogacy in India: A DOHaD Perspective"* May 2017
2. **Rachel Greenwald** *"Alignment of Iodization Requirements in Countries with Mandatory or Voluntary Fortification to the World Health Organization Recommendations."* May 2020

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HONORS/ PROFESSIONAL MEMBERSHIPS

Fellowships

- National Institute of Health Training Grant, 2008-2010
- American Society for Nutrition, Wyeth Consumer Healthcare, Predoctoral Fellowship, 2009
- Phi Upsilon Omicron (National Honor Society in Family and Consumer Sciences) Candle Fellowship, 2006

Honors/Awards

- Hubert Department of Global Health Award for Excellence in Research Award for 2020
 - Young MF, Nguyen P, Kachwaha S, Mai TL, Ghosh S, Agrawl R, Escobar-Alegria J, Menon P, Avula R. It takes a village: An empirical analysis of how husbands, mothers-in-law, health workers, and mothers influence breastfeeding practices in Uttar Pradesh, India. *Matern Child Nutr.* 2020;16:e12892
- 2020 NIH Technology Accelerator Challenge for the design and development of non-invasive, handheld, digital technologies to detect and diagnose sickle cell disease (SCD), malaria, and anemia. Third Prize. AnemoCheck Mobile: A noninvasive smartphone app for anemia diagnosis and underlying etiology screening PIs: Erika Tyburski, Robert Mannino; Role in Project: Co-I
- Top Downloaded Paper 2018-2019
 - “*Maternal hemoglobin concentrations across pregnancy and maternal and child health: a systematic review and meta-analysis.*” has been recognized as one of the most read in *Annals of the New York Academy of Sciences*
- Top Downloaded Paper 2018-2019
 - “*Maternal nutrition practices in Uttar Pradesh, India: Role of key influential demand and supply factors.*” has been recognized as one of the most read in *Maternal & Child Nutrition*
- 2020 Outstanding Faculty Mentor for the dedicated mentoring of Nutrition & Health Sciences Program doctoral students
- Rollins School of Public Health 2019 Supervisor Award
- Deans Pilot and Innovation Award 2019
- Thrasher Early Career Award, 2014-2016
- Iowa State University Alumni Recognition for “Making a difference across the lifespan”, 2015
- Dean’s List at Iowa State University, 2002-2006
- ISU Human Science Undergraduate Student Marshal, 2006
- Phi Upsilon Omicron Golden Anniversary Scholarship, 2005
- ISU Award of Excellence for the Government of the Student Body, 2005
- George Washington Carver Intern Award, Word Food Prize, 2005
- Who’s Who Among Students in American Universities and Colleges, 2005
- Highest 2% of Family and Consumer Sciences College, ISU, 2002-2006
- Highest 2% of Agriculture College, ISU, 2002-2003
- ISU Department of Residence Academic Excellence, 2002-2003

Memberships

Current

- American Society for Nutrition 2004- present
- American Public Health Association 2017-present
- International Society for Research in Human Milk and Lactation 2017-present
- Society for Implementation Science in Nutrition 2017-present
- Nutrition scaling working group: Eleanor Crook Foundation 2019- present
- Professional Member of the New York Academy of Sciences 2019- present
- Emory Academic Learning Community entitled “Evaluation & Implementation Sciences for Public Health” 2017-present

Memberships

Prior

- Cornell Nutrition Graduate Student Organization, Co-President, 2006-2010;
- Iowa State Government of the Student Body, Senator, 2005-2006;
- Phi Upsilon Omicron, President, 2005-2006, Vice President, 2004-2005; Iowa State Full Honor Member, 2002-2006;
- Student Environmental Council, Iowa State University, President, 2004-2005; Student Environmental Council, Iowa State University, Vice President, 2003-2004;
- Iowa State Nutrition Club, Member, 2002-2006; Leadership ISU, Member, 2002-2003;
- Phi Kappa Phi, National Society of Collegiate Scholars, Phi Eta Sigma, Alpha Lambda Delta, National Honor Society.

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OTHER PROFESSIONAL AND SERVICE PARTICIPATION

DEPARTMENT

- Public Health Nutrition Concentration Co-Coordinator: Emory University, Rollins School of Public Health 2017-present
- HDGH's Thesis Committee for Shepard Award 2017-2021
- Hubert Department of Global Health Space Committee, 2021
- Committee to review McCormick submissions, 2021
- Hubert Department of Global Health Faculty Retreat Planning Committee, 2019-2020
- Hubert Department of Global Health Faculty Search Committee, 2019-2020
- Developed and Led Global Health teaching assistant training workshop on assessment evaluation. 2017

NUTRITION AND HEALTH SCIENCES PHD PROGRAM

- Executive Committee for the Nutrition and Health Sciences Graduate Program, 2019-present
- The NHS Qualifying Exam Committee, 2020
- Proctor and grade qualifying exam. Doctoral Program in Nutrition and Health Sciences, Rollins School of Public Health and the Laney Graduate School. 2017-2018
- Participate in interviews and evaluation of prospective applicants. Doctoral Program in Nutrition and Health Sciences, Rollins School of Public Health and the Laney Graduate School. 2015-present

SCHOOL

- The Emory-CARE Collaborative
 - a. Applied Research and co-funding Committee
- Rollins School of Public Health ReAccreditation Self-Study Committee 2018-2019
- Public Health Evaluation and Implementation Sciences Network Steering Committee, 2018-present
- Participant. Evaluation/implementation sciences interest group. Emory University 2017

UNIVERSITY

- Emory Maternal and Child Health Center of Excellence Executive Council, Global Health faculty representative, 2021-present
- The Center for the Study of Human Health Faculty Search Committee. 2017-2018

EXTERNAL

- Technical expert on the development of The National Survey of the Food and Nutritional Situation of Colombia (ENSIN), in collaboration with the Colombian Institute of Family Welfare and the National University of Colombia.
- Micronutrient Technical Expert Stakeholder Group, 2021
- Technical Advisory Group for the Redefining anemia: A multicenter, international, population-based study to establish and validate global reference values for anemia in pregnancy, 2021
- World Health Organization Guideline Development Group Member for Anemia
- Contribute to APHA policy statement.
 - a. *APHA opposes separation of immigrant and refugee children and families at US borders.* Witt WP, O'Keefe EB, Hardy KA, Youkavitch J, Brooks PE, Bennett CJ, Young MF. Nov 13 2018. Policy Number LB-18-01.
- Chair for Symposium: Interpreting the Complex Interplay between Inflammation, Nutrition & Health American Society for Nutrition, Boston 2018
- Biomarkers Reflecting Inflammation and Nutritional Determinants of Anemia (BRINDA) Steering Committee Member, 2016-present
- Reviewer. Georgia Center for Diabetes Translation Research. March 2017
- Participant. World Health Organization. 2017. World Health Organization Global database on the Implementation of Nutrition Action (GINA) online consultation to improve the interactive platform for sharing standardized information on nutrition policies.
- Participant. World Health Organization. 2016. WHO online consultation to identify priority questions for revising WHO haemoglobin concentrations for the diagnosis of anaemia and assessment of severity.
- Participant. World Health Organization. 2015. World Health Organization Department of Maternal, Newborn, Child and Adolescent Health's online consultation to identify research priorities to improve adolescent health in low- and middle-income countries by 2030.
- Rapporteur. UNICEF, 2013. Global technical meeting on the long-term consequences of chronic undernutrition in early life. New York, NY
- Co-Chair for Symposium: Breastfeeding, Early Child Feeding, Diet and Growth Trends. FASEB, San Diego CA 2012

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Manuscript Reviewer: Lancet Global Health, American Journal of Clinical Nutrition, Pediatrics, PLOS ONE, BMC Pregnancy and Childbirth, BMC Hematology, Public Health Nutrition, Food and Nutrition Bulletin, Nutrients, Journal of Nutrition, Maternal and Child Health Journal, Advances in Medical Sciences, Annals of Nutrition and Metabolism, Global Food Security, Nutrition Journal, British Journal of Nutrition, Current Developments in Nutrition, Maternal and Child Nutrition

Academic Editor: PLOS ONE