

Curriculum Vitae

LEILA LARSON

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EDUCATION

2013 – 2017 **Ph.D. Nutrition and Health Sciences**

Emory University, Atlanta, USA

Dissertation: The consequences of malnutrition and effects of multiple micronutrient powders on young child development in India

Supervisor: Dr. Reynaldo Martorell

2011-2013 **M.P.H. Environmental Health Sciences (Global Track)**

Columbia University, New York, USA

Thesis: Management and Treatment of Childhood Diarrhea in Ethiopia: Factors Associated with Caregivers' Health Care Behaviours

Supervisor: Dr. Joseph Graziano

2005-2010 **B.A.Sc. Geological Engineering (Environmental focus) (with Honours)**

University of British Columbia, Vancouver, Canada

Thesis: An Assessment of the Greywater and Composting Toilet Tea Leach Field Geochemistry at the C.K. Choi Building, University of British Columbia Vancouver Campus

Supervisor: Dr. Roger Beckie

EMPLOYMENT

Aug 2020 – current Assistant Professor, Department of Health Promotion, Education, and Behavior,
Arnold School of Public Health
University of South Carolina, Unites States

Jan 2018 – July 2020 Research Fellow, International and Immigrant Health Group in the Department of
Medicine – Royal Melbourne Hospital, Melbourne Medical School in the Faculty of
Medicine, Dentistry and Health Science
University of Melbourne, Australia

Dec 2017 – Jan 2018 Consultant, Double Fortified Salt Study, India
Global Alliance for Improved Nutrition, Canada

Dec 2015 – Mar 2017 Monitoring and Evaluation Associate, Double Fortified Salt Study, India
Global Alliance for Improved Nutrition, India

Jul 2015 – Nov 2015 Monitoring and Evaluation Associate, Home Fortification Program Phase 2,
Bangladesh
Global Alliance for Improved Nutrition, Canada
(Position terminated because of insecurity in the country)

Aug 2014 – Dec 2014 Teaching Assistant, Global Elimination of Micronutrient Malnutrition Course, Rollins
School of Public Health
Emory University, USA

May 2012 – Dec 2012 Intern, Zinc and low osmolarity-Oral Rehydration Salt for the treatment of childhood
diarrhea, Addis Ababa, Ethiopia

Micronutrient Initiative (now Nutrition International)

Jan 2012 – Apr 2012	Teaching Assistant, Environmental Health Sciences Core Class, Mailman School of Public Health Columbia University, USA
Apr 2010 – Apr 2011	Junior Mine Water Specialist, Mine Water Management Group Golder Associates, Canada
Apr 2008 – Sep 2008	Summer Employee, Mine Rock Group Golder Associates, Canada
May 2007 – Dec 2007	Intern, Northern and Central Regions Water Supply and Sanitation Sector Project Lao Consulting Group, Laos

PUBLICATIONS (numbered in reverse chronological order)

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21. **Larson LM**, Cyriac S, Djimeu EW, Mbuya MNN, Neufeld LM. Can double fortification of salt with iron and iodine reduce anemia, iron deficiency anemia, iron deficiency, iodine deficiency, and functional outcomes? Evidence of efficacy, effectiveness, and safety. *Journal of Nutrition*. Accepted.
 20. Braat S, **Larson L**, Simpson JA, Hasan MI, Hamadani JD, Hossain SJ, Shiraji S, Bhuiyan MSA, Biggs BA, Pasricha S. The Benefits and Risks of Iron interventionS in Children (BRISC) trial: Statistical analysis plan. *F1000Research* 2020, 9:427. doi.org/10.12688/f1000research.23383.1
 19. Rappaport AI, Karakochuk CD, Hess SJ, Whitehead RD, Namaste SML, Dary O, Parker ME, Neufeld LM, **Larson LM**, Newton S, Wegmuller R, Moorthy D. Variability in hemoglobin concentration by measurement tool and blood source: an analysis from seven countries. *Journal of Clinical Pathology*. 2020 Oct 6. doi: 10.1136/jclinpath-2020-206717
 18. **Larson LM**, Biggs BA. Importance of Follow-up Studies to Examine Sustained Effects of Early Nutrition Interventions. *Pediatrics*. 2020 Feb. doi: 10.1542/peds.2019-3827
 17. Prado EL*, **Larson LM*** (joint first authorship), Kubes JN, Cox K, Shankar A. Do effects of early life interventions on linear growth correspond to effects on neurobehavioral development? A systematic review and meta-analysis. *The Lancet Global Health*. 2019 Oct. doi: 10.1016/S2214-109X(19)30361-4
 16. Neufeld LM, Beal T, **Larson LM**, Cattaneo F. Global landscape of malnutrition in infants and young children. *Nestle Nutr Inst Workshop Ser*. 2020;93:1-14. doi: 10.1159/000503315
 15. Baldi AJ, **Larson LM**, Pasricha SR. Balancing safety and potential for impact in universal iron interventions. Michaelsen KF, Neufeld LM, Prentice AM (eds): *Global Landscape of Nutrition Challenges in Infants and Children*. Nestlé Nutr Inst Workshop Ser, vol 93, pp 51–62, 2020. DOI: 10.1159/000503356
 14. Park CS, Vogel E, **Larson LM**, Myers SS, Daniel M, Biggs BA. The global effect of extreme weather events on nutrient supply: a superposed epoch analysis. *The Lancet Planetary Health*. 2019 Oct. doi: 10.1016/S2542-5196(19)30193-7
 13. **Larson LM**, Kubes JN, Ramirez-Luzuriaga MJ, Kishen S, Shankar A, Prado EL. Effects of increased hemoglobin on child growth, development and disease: a systematic review and meta-analysis. *Ann NY Acad Sci*. 2019 Jun. doi: 10.1111/nyas.14105

12. Neufeld LM, **Larson LM**, Kurpad A, Mburu S, Martorell R, Brown KH. Hemoglobin concentration and anemia diagnosis in venous and capillary blood: biological basis and policy implications. *Ann NY Acad Sci*. 2019 Jun. doi: 10.1111/nyas.14139
11. Prado EL, Shankar AH, Stein AD, **Larson LM**. Does improved growth mean improved neurobehavioral development? *Advances in Nutrition*. 2019 Apr. doi: 10.1093/advances/nmy126
10. **Larson LM**, Guo J, Williams AM, Young MF, Ismaily S, Addo OY, Thurnham D, Tanumihardjo S, Suchdev P, 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). doi: 10.3390/nu10081100
9. **Larson LM**, Young MF, Bauer PJ, Webb AG, Ramakrishnan U, Verma P, Chaudhuri I, Srikantiah S, Martorell R. Effectiveness of a home fortification programme with multiple micronutrients on infant and young child development: a cluster-randomised trial in rural Bihar, India. *British Journal of Nutrition*. 2018; 120: 176-187. doi: 10.1017/S000711451800140X
8. **Larson LM**, Martorell R, Bauer PJ. A path analysis of nutrition, stimulation, and child development among young children in Bihar, India. *Child Development*. 2018. doi: 10.1111/cdev.13057.
7. Ramirez-Luzuriaga MJ, **Larson LM**, Mannar V, Martorell R. The effect of Double Fortified Salt on hemoglobin status: A systematic review and meta-analysis. *Advances in Nutrition*. 2018; 9(3):207-18. doi: 10.1093/advances/nmy008
6. **Larson LM**, Phiri KS, Pasricha SR. Iron and Cognitive Development: What Is the Evidence? *Annals of nutrition & metabolism*. 2017;71 Suppl 3:25-38. doi: 10.1159/000480742.
5. **Larson LM**, Young MF, Ramakrishnan U, Webb AG, 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. *Journal of Nutrition*. 2017 Aug;147(8):1578-1585. doi: 10.3945/jn.117.251231. Epub 2017 Jun 14.
4. **Larson LM**, Namaste SML, Williams AM, Engle-Stone R, Addo OY, Suchdev PS, Wirth JP, Temple V, Serdula M, Northrop-Clewes CA. Adjusting retinol binding protein concentrations for inflammation: the BRINDA project. *American Journal of Clinical Nutrition*. 2017 Jul;106(Suppl 1):390S-401S. doi: 10.3945/ajcn.116.142166. Epub 2017 Jun 14
3. Rohner F, Namaste SML, **Larson LM**, Addo OY, Mei Z, Suchdev PS, Ashour F, Rawat R, Raiten D, Flores-Ayala R, Northrop-Clewes CA. Adjusting soluble transferrin receptor concentrations for inflammation: the BRINDA project. *American Journal of Clinical Nutrition*. 2017 Jul;106(Suppl 1):372S-382S. doi: 10.3945/ajcn.116.142232. Epub 2017 Jun 14.
2. **Larson LM**, Addo YO, Sandalinas F, Baawo K, Faigao K, Kupka R, Flores-Ayala R & Suchdev PS. Accounting for the Influence of Inflammation on Retinol Binding Protein in a Population Survey of Liberian Preschool-Aged Children. *Maternal & Child Nutrition*. 2016 Apr;13(2). doi: 10.1111/mcn.12298. Epub 2016 Feb 4.
1. **Larson LM**, Yousafzai AK. A meta-analysis of nutrition interventions on mental development of children under-two in low- and middle-income countries. *Maternal & Child Nutrition*. 2017 Jan;13(1). doi: 10.1111/mcn.12229. Epub 2015 Nov 26.

CONFERENCE AND TECHNICAL MEETING PRESENTATIONS (numbered in reverse chronological order)

25. **Larson LM**, Thomas T, Kurpad A, Hoddinott J, Martorell R, Swaminathan S, Neufeld LM. Etiology of anemia among children 6-59 months and non-pregnant women of reproductive age in India (invited symposium speaker). *Micronutrient Forum*. Virtual due to COVID-19 pandemic. November 2020.
24. Prado EL, **Larson LM**. Ten Steps to Success for Measuring Early Childhood Development in Global Nutrition Research (Learning Center). *Micronutrient Forum*. Virtual due to COVID-19 pandemic. November 2020.
23. **Larson LM**, Hasan MI, Shiraji S, Tofail F, Braat S, Biggs BA, Hamadani J, Pasricha SR. Biopsychosocial correlates of early child development in Bangladesh: evidence from the Benefits and Risks of Iron Supplementation in Children (BRISC) trial (poster). *Micronutrient Forum*. Virtual due to COVID-19 pandemic. November 2020.
22. **Larson LM**, Hasan MI, Braat S, Baldi AJ, Bhuiyan MSA, Biggs BA, Hamadani J, Pasricha SR. Agreement between venous and capillary haemoglobin concentrations in Bangladeshi children (poster). *Nutrition*. Baltimore. June 2019.
21. **Larson LM**, Hasan MI, Feuerriegel D, Shiraji S, Shabnab S, Tofail F, Braat S, Biggs BA, Pasricha SR, Hamadani J, Bode S, Johnson K. Using a developmental test and electroencephalography to examine child cognition and its predictors in Bangladesh (poster). *Nutrition*. Baltimore. June 2019.
20. **Larson LM**, Cyriac S, Dijmeu EW, Mbuya MNN, Neufeld LM. Can double fortification of salt with iron and iodine reduce anaemia, iron deficiency anaemia, iron deficiency, and iodine deficiency? Evidence of efficacy, effectiveness, and safety. Iodine Global Network: Double Fortified Salt Global Consultation. Seattle, USA. 4-5 April, 2019.
19. **Larson LM**, Kubes JN, Cox K, Shankar A, Prado EL. Meta-analysis of the effects of various types of early life interventions on linear growth vs. neurodevelopment (Oral). Symposium title: Pathways to Child Growth and Development: Is Linear Growth Retardation a Valid Indicator of Delayed Neurodevelopment? *Nutrition*. Boston. June 2018.
18. **Larson LM**, Kubes JN, Ramirez-Luzuriaga MJ, Khishen S, Shankar A, Prado EL. Associations and effects of increased hemoglobin in infants and preschool children on growth and development: a systematic review and meta-analysis (Oral). *Nutrition*. Boston. June 2018.
17. **Larson LM**, Thomas T, Kurpad A, Hoddinott J, Martorell R, Swaminathan S, Neufeld LM. Anemia in women and children in Uttar Pradesh: a path analysis of the associations between nutritional, environmental, infectious, and genetic determinants (Poster). *Nutrition*. Boston. June 2018.
16. **Larson LM**, Kubes JN, Ramirez-Luzuriaga MJ, Khishen S, Shankar A, Prado EL. Associations and effects of increased hemoglobin in infants and preschool children on growth, development and chronic disease: a systematic review and meta-analysis. WHO Technical Meeting: Use and interpretation of hemoglobin concentrations for assessing anemia status in individuals and populations. Geneva, Switzerland. 29 November-1 December 2017.
15. **Larson LM**, Martorell R, Bauer PJ. Relation between diet, nutritional status, and stimulation and child development: a path analysis in infants and young children living in Bihar, India (Oral). *International Congress of Nutrition*. Buenos Aires, Argentina, October 2017.
14. **Larson LM**, Thomas T, Kurpad A, Hoddinott J, Martorell R, Swaminathan S, Neufeld LM. Anemia in women and children in Uttar Pradesh, India: the contribution of nutritional, environmental, infectious, genetic, and underlying social determinants (Oral). *International Congress of Nutrition*. Buenos Aires, Argentina, October 2017.

13. Swaminathan S, Thomas T, Neufeld LM, **Larson LM**, Kurpad A. Dietary intake of preschool children in Uttar Pradesh, India (Oral). *International Congress of Nutrition*. Buenos Aires, Argentina, October 2017.
12. **Larson LM**, Young M, Bauer PJ, Mehta R, 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 (Oral). *Experimental Biology*. Chicago, IL, April 2017.
11. **Larson LM**, Young M, Bauer PJ, Mehta R, 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 (Poster – Winner of the Emerging Leaders Competition). *Experimental Biology*. Chicago, IL, April 2017.
10. Young M, Mehta R, Gosdin L, Kekre P, Verma P, **Larson LM**, 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. (Oral). *Experimental Biology*. Chicago, IL, April 2017.
9. **Larson LM**, Namaste SML, Williams AM, Engle-Stone R, Addo OY, Suchdev PS, Wirth JP, Temple V, Serdula M, Northrop-Clewes CA. Adjusting retinol binding protein concentrations for inflammation: the BRINDA project (Oral). *Micronutrient Forum*. Cancun, Mexico, October 2016.
8. Northrop-Clewes CA, **Larson LM**, Namaste SML, Williams A, Engle-Stone R, Addo OY, Suchdev PS, Wirth JP, Temple V, Serdula M. Comparison of algorithms for adjusting serum retinol concentrations in the presence of an acute phase response in four countries (Poster). *Micronutrient Forum*. Cancun, Mexico, October 2016.
7. **Larson LM**, Mehta R, Young M, Kekre P, 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 (Oral). *Experimental Biology*. San Diego, CA, April 2016
6. **Larson LM**, Mehta R, Young M, Kekre P, 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 (Poster – Emerging Leaders Competition). *Experimental Biology*. San Diego, CA, April 2016
5. **Larson LM**, Suchdev PS, Namaste S, Addo OY & Sullivan K. Approaches to Account for the Influence of Inflammation on Nutrient Biomarkers in Preschool-Age Children (Poster). *Pediatric Research Conference*. Atlanta, GA, June 2015
4. **Larson LM**, Addo OY, Sandalinas F, Baawo K, Faigao K, Kupka R, Flores-Ayala R & Suchdev PS. Accounting for the Influence of Inflammation on Retinol Binding Protein in a Population Survey of Liberian Preschool-Aged Children (Oral). *Experimental Biology*. Boston, MA, March 2015
3. **Larson LM** & Yousafzai AK. A Meta-Analysis Shows Small Effects from Nutrition Interventions on Mental Development of Children Under-Two in Low- and Middle-Income Countries (Poster). *The Tenth Annual DSAC Student Research Symposium*. Atlanta, USA, January 2015
2. **Larson LM** & Yousafzai AK. Meta-Analyses of Nutrition and Stimulation Interventions: Effects on Child Development (Oral). *Micronutrient Forum*. Addis Ababa, Ethiopia, June 2014
1. **Larson LM** & Yousafzai AK. The Impact of Nutrition Interventions on Mental Development of Children Under-Two: A Meta-Analysis of Randomized Controlled Trials in Low- and Middle-Income Countries (Poster). *Micronutrient Forum*. Addis Ababa, Ethiopia, June 2014

17. **Larson LM.** Nutritional Trials in Global Health. *Nutrition Epidemiology, University of South Carolina.* October 2020.
16. **Larson LM.** Malnutrition and neurodevelopment in global health. *Melbourne Children's Global Health – Doherty Institute Global Health Seminar Series.* October 2019.
15. **Larson LM.** Stunting and child development: how do we make an impact? *Walter and Eliza Hall Institute.* October 2019.
14. **Larson LM.** Event-related brain potentials: a neurophysiological technique. *Walter and Eliza Hall Institute.* August 2019.
13. **Larson LM.** Effects of nutrition on child development in low- and middle-income countries. *Burnet Institute.* September 2018.
12. **Larson LM.** Nutrition and child development: evidence and experience from global health trials. *Monash University.* July 2018.
11. **Larson LM.** The consequences of malnutrition and effects of multiple micronutrient powders on young child development in India. *McGill University, Nutrition Colloquium.* November 2017.
10. **Larson LM.** Nutrition and Child Development. *Emory University, Maternal and Child Nutrition course.* April 2017.
9. **Larson LM.** Biomarkers Reflecting Inflammation and Nutrition Determinants of Anemia (BRINDA) project. *Emory University, Maternal and Child Nutrition course.* March 2017.
8. **Larson LM.** Home Fortification Project in India. *Emory University Nutrition Seminar.* March 2017.
7. **Larson LM.** Home Fortification Project in Bangladesh. *Emory University, Global Elimination of Micronutrient Malnutrition course.* October 2015.
6. **Larson LM.** Nutrition and Child Development. *Emory University, Human Nutrition Course.* April 2015.
5. **Larson LM.** Maternal docosahexaenoic acid supplementation and early infant brain development: a randomized controlled trial in Karnataka, India. *Emory University Nutrition Seminar.* March 2015
4. **Larson LM.** Micronutrient Malnutrition and Child Development. *Global Elimination of Micronutrient Malnutrition course.* October 2014
3. **Larson LM.** Measuring Child Development in Bihar, India. *Emory University Nutrition Seminar.* September 2014
2. **Larson LM.** The Impact of Nutrition Interventions on Mental Development of Children Under-Two: A Meta-Analysis of Randomized Controlled Trials in Low- and Middle-Income Countries. *Emory University Nutrition Seminar.* March 2014
1. **Larson LM.** Environmental Enteropathy. *Emory University Nutrition Seminar.* October 2013

GRANTS AND OTHER FUNDING

Ongoing Research Support:

Thrasher Foundation Early Career Grant Larson (PI) 01/05/19-30/04/21
 The influence of hepcidin on benefits and risks of iron supplementation in Bangladeshi children (US\$25,000)
 The goal of this study is to examine the role of hepcidin concentration on children's response to iron and micronutrient supplementation in Bangladesh.
 Role: PI

Bill and Melinda Gates Foundation Pasricha (PI) 01/10/18-30/04/21
 Randomised controlled trial of the effect of intraVenous iron on Anaemia in Malawian Pregnant women - REVAMP:
 Supplemental grant for substudies (US\$1.2m)
 The goal of this study is to examine the effects of prenatal iron on maternal and child health outcomes.
 Role: Co-I

Completed Research Support:

Iodine Global Network Larson (PI) 01/09/18-31/12/19
 Evidence of efficacy, effectiveness, and safety of double fortified salt (DFS) in improving reducing anemia, iron deficiency anemia, iron deficiency, and iodine deficiency (US\$5,000)
 The goal of this review is to systematically and objectively examine the evidence from efficacy and effectiveness trials of Double Fortified Salt.
 Role: PI

University of Melbourne Early Career Grant Larson (PI) 01/01/19-31/12/19
 Effects of iron interventions on child neurodevelopment in Bangladesh (AU\$49,500)
 The goal of this study is to examine the effects of iron supplementation on neural indices of memory and attention in Bangladeshi children.
 Role: PI

World Health Organization Larson (PI) 01/03/17-12/31/18
 Associations and effects of increased hemoglobin in preschool children on growth, development and chronic disease: a systematic review and meta-analysis (US\$3,000)
 The goal is to conduct a systematic review and meta-analysis to produce quantitative estimates of the associations of child hemoglobin concentration with three main outcomes: 1) longitudinal and ponderal growth, 2) cognitive, psychomotor, and behavioral development, and 3) long-term chronic disease.
 Role: PI

World Health Organization Neufeld (PI) 01/03/17-12/31/18
 Anemia diagnosis in venous and capillary blood: biological basis and policy implications (US\$3,000)
 The goal is to review the evidence and use our own data from India to examine possible reasons for differences in hemoglobin concentrations using venous and capillary blood samples.
 Role: co-I

Thrasher Research Fund 13105 Martorell (PI) 01/11/15-31/10/17
 Assessing the impact of home fortification of complementary foods on child cognitive development: a cluster randomized community pilot (US\$120,000)
 The goal of this study is to examine the effectiveness of home fortification with multiple micronutrient powders on memory and executive function of children 12-18 months of age living in Bihar, India.
 Role: co-I (Principal writer)

PROFESSIONAL MEMBERSHIP AND OTHER EXPERIENCE

Memberships:

2014 – Current	American Society of Nutrition, ASN
2014 - 2020	New York Academy of Sciences, NYAS
2014 - 2015	Society for Research in Child Development, SRCD
2005 – 2010	Golden Key Society
2005 – 2010	Engineering Without Borders, EWB Canada

Supervisorship:

2020	Mentor at Saving Brains Data Analysis and Writing Workshop, Virtual
2019	Honours Student Supervisor, The University of Melbourne
2019	Mentor at Saving Brains Data Analysis and Writing Workshop, Dubai
2019	Mentor at Saving Brains Data Analysis and Writing Workshop, Sao Paulo
2016 - 2017	MPH Student Practicum Supervisor, Emory University
2014 – 2018	PhD Student Mentor, Emory University

Committee Involvement:

2020 - Current	Global Nutrition Council, Early Career Representative
2020 - Current	Student Engagement Committee, Department of Health Promotion, Education, and Behavior, University of South Carolina
2019	Doherty-Melbourne Children’s Global Health Seminar series, Organizing Committee Member, Melbourne, Australia
2019	Australian Iron Network Meeting, Organizing committee, Melbourne, Australia

Journal Peer Review:

American Journal of Clinical Nutrition (2021, 2020), *Journal of Child and Family Studies* (2020), *Nutritional Neuroscience* (2020), *European Journal of Clinical Nutrition* (2020, 2019, 2017), *Epidemiology and Infection* (2020), *Plos One* (2019), *Journal of Nutrition* (2019, 2018, 2017, 2015), *Nutrients* (2019), *Lancet Global Health* (2018), *British Medical Journal Global Health* (2018), *Current Developments in Nutrition* (2018, 2017), *Tropical Medicine & International Health* (2018), *American Journal of Tropical Medicine and Hygiene* (2017), *Maternal and Child Health Journal* (2017), *The Journal of Pediatrics* (2016), *Epidemiology and Infection* (2016, 2015), *Journal of Child Psychology and Psychiatry* (2015), *Journal of Health, Population and Nutrition* (2015), *International Journal of Health Policy and Management* (2015), *British Medical Journal* (2014)

Other Experience:

2019	Double Fortified Salt Global Consultation, Bill and Melinda Gates Foundation, Seattle, USA
2017	WHO Technical Meeting on Anemia, Geneva, Switzerland
2014-2015	Coordinator of the Nutrition Journal Club at Emory University

ACADEMIC AWARDS

2019	The Walter and Eliza Hall Institute of Medical Research Postdoctoral Association Travel Award (\$3000)
2018	McCormick Award (awarded to one graduating PhD student in Emory University’s Nutrition and Health Sciences every year), \$400
2018	Emory University Nutrition and Health Sciences Student Mentor Award
2017	Experimental Biology Emerging Leaders Poster Competition – First Place, \$100
2016	Rollins School of Public Health Livingston Fellowship, \$2100

2016	Sight and Life, The Future of Micronutrient Innovation– Elevator Pitch Contest; semi-finalist
2008	Egil H Lorntzsen Scholarship, \$1000
2008	Cecil J Coveney Memorial Scholarship
2007	Shell Prize in Field Geology, \$500
2006	Egil H Lorntzsen Scholarship, \$1000
2005	President’s Entrance Book Award, \$500
2005	AP Scholars Book Award, \$500
2005	Major Entrance Scholarship, \$5000
2005	University of British Columbia Scholarship
2005	Charles Victor Ryder Entrance Scholarship in Engineering, \$1950

COMMUNITY OUTREACH EXPERIENCE

2017	Ronald McDonald House Charity, Volunteer, Atlanta, USA
2011	Palestinian Women’s Humanitarian Organization, English Teacher, Beirut, Lebanon
2010	East Vancouver’s Women’s Shelter, Volunteer, Vancouver, Canada
2010	Out of the Cold Homeless Shelter, Volunteers, Vancouver, Canada
2005 - 2010	Engineers Without Borders, Director of High School Outreach Program and Member, Vancouver, Canada

PROGRAMMING SKILLS

Proficient in SAS, R, Stata, MPlus
Intermediate knowledge of Matlab.

FOREGIN LANGUAGE SKILLS

Fluent in English and French.
Intermediate in Arabic and Spanish.