

Luisa Fernanda González Ballesteros

POSTGRADUATE TRAINING AND FELLOWSHIP:

- September 2012- 2013 Queens College, Queens NY
Dietetic Intern, Cumulative GPA 4.0 in the Nutrition and
Exercise Masters program
- August 2007- May 2011 Cornell University, Ithica NY
Bachelor of Science in Nutritional Sciences, Undergraduate
Dietetics Program

Fellowship

- July 2014 – June 2016 Neonatal-Perinatal Medicine
Program Director: Lindsay Johnston, MD
Yale School of Medicine
Yale-New Haven Children’s Hospital, New Haven, CT
- January 2013 – June 2013 Advance Research Track in Pediatric Diabetes/Endocrinology in
Obesity, Insulin Resistance and Metabolism
Program Director: Selma F Witchel, MD
Children’s Hospital of Pittsburgh of University of Pittsburgh Medical
Center, Pittsburgh, PA
- January 2010 – January 2013 Pediatric Endocrinology
Program Director: Selma F. Witchel, MD
Children’s Hospital of Pittsburgh of University of Pittsburgh Medical
Center, Pittsburgh, PA

Residency

- September 2007 – September 2008 Pediatric Chief Resident / PGY4
Program Director: Sarla Inamdar, MD
New York Medical College (Metropolitan) Pediatrics Program
New York, NY
- September 2004 – September 2007 Residency in Pediatrics
Program Director: Magda Mendez, MD
Lincoln Medical and Mental Health Center, Affiliated of Weill Cornell
Medical College Bronx, NY

EDUCATION:

- June 1992 – June 1998 Doctor of Medicine and Surgery
Pontificia Universidad Javeriana
Hospital Universitario San Ignacio
Bogotá, Colombia, South America

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OTHER ADVANCED TRAINING EXPERIENCE:

July 2014 – Present

Introductory ECMO Training Course (2014)
Yale Transport Training (2015)
NRP Hospital Based Instructor (2016)
SYN:APSE Simulation Instructor Training (2016)

July 2011 – May 2013

Career Education and Enhancement for Health Care
Research Diversity (CEED) Program Trainee
Institute for Clinical Research Education
University of Pittsburgh

Courses:

- CLRES 2005 / MEDEDU 2005: Computer Methods for Clinical Research (2013)
- CLRES 2010 Clinical Research Methods (2011-2012)
- CLRES 2040: Measurement in Clinical Research (2011)
- CLRES/MEDEDU 2050: Ethics and Responsible Conduct of Research (2011)
- CLRES 2071: Research Design and Development (Grant Writing) (2012-2013)
- CLRES 2076: Introduction to Grant Writing (2011-2012)
- MEDEDU 2140: Medical Writing and Presentation Skills (2012)

WORK EXPERIENCE:

July 2016 – Present

Neonatologist
Pediatric Endocrinologist
Lenox Hill Hospital, Northwell Health
New York, NY

November 2008 – June 2016

Neonatal Intensive Care Unit Hospitalist
Jacobi Medical Center
Bronx, NY

January 2000 – March 2002

General Practitioner
Organizacion Sanitas Internacional, Clinicentro Ciudad Salitre, Bogotá,
Colombia

June 1998 – December 1998

General Practitioner
Rural Year
Hospital Arsenio Repizo Venegas
San Agustin, Huila, Colombia

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SPECIALTY CERTIFICATION:

	Pediatric Endocrinology Board Eligible
	Neonatal Perinatal medicine Board Eligible
October 2008	American Board of Pediatrics
June 2004	ECFMG Certification

MEDICAL LICENSURE:

September 2011 – June 2019	New York Medical License
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HONORS AND AWARDS:

April 29 th 2016	Abstract entitled: “Hypophosphatemia Associated with Elemental Formula Use In Children with Feeding Problems” selected as one of the top ranking abstracts submitted by a trainee. Presented at the PES Presidential Poster Reception. Baltimore MD
June 2013	Early Career Forum Travel Award The Endocrine Society
July 2011 – May 2013	Career Education and Enhancement for Health Care Research Diversity (CEED) Program Trainee Institute For Clinical Research Educations University of Pittsburgh, Pittsburgh, PA Mentor: - Alejandro Hoberman, MD Vice Chair for Clinical Research University of Pittsburgh School of Medicine Chief, Division of General Academic Pediatrics Children’s Hospital of Pittsburgh

CERTIFICATIONS:

NALS (instructor), BLS certifications current

MEMBERSHIP IN PROFESSIONAL SOCIETIES:

American Academy of Pediatrics (AAP)
AAP Section On Neonatal Perinatal Medicine (SONPM)
American Society of Bone and Mineral Research (ASBMR)
Endocrine society (ENDO)
Pediatric Endocrine Society (PES)

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DIDACTIC TEACHING:

Neonatology Division

Case Presentation

Selected cases include: Spontaneous intestinal perforation, Lower urinary tract obstruction in fetus and neonate, Ornithine transcarbamylase deficiency, glucocorticoid therapy and hypercalcemia

Mortality and Morbidity

Selected cases include: Neonatal abdominal Masses, Zygomycosis in Neonates, Congenital high airway obstruction syndrome, Schneckebeken Dysplasia and Pulmonary hemorrhage

Journal Club

Selected presentations include: Congenital Diaphragmatic Hernia in the preterm infant and Vitamin A supplementation For The EVLBW infant

Resident Lectures

Selected lectures include: Retinopathy of prematurity, Necrotizing enterocolitis, Neonatal sepsis, Fluids electrolytes and Nutrition for the neonate, neonatal hyperbilirubinemia, respiratory distress syndrome, Intraventricular Hemorrhage

Endocrinology Division

Topic Reviews and Journal Clubs

Selected presentations include: Prenatal dexamethasone exposure potentiates diet-induced hepatosteatosis and decreases plasma *IGF-I* in a sex-specific fashion, Increased neurokinin B (*Tac2*) expression in the mouse arcuate nucleus is an early marker of pubertal onset with differential sensitivity to sex steroid-negative feedback than *Kiss1*, White matter protection in congenital heart surgery, Hypothermia-induced neurite outgrowth is mediated by tumor necrosis factor-Alpha, Thyroid disorders in children and neonate and Thyroid Cancer Conference

May 10, 2016

Lecture: Hypophosphatemia associated with elemental formulas use in children with feeding difficulties.

Division Neonatology, Jackson Memorial Hospital, Miami, FL

RESEARCH ACTIVITIES:

September 2014 – June 2016

Hypophosphatemia associated with the use of elemental formula in children with feeding disorders

Mentor:

- Thomas Carpenter, MD
Pediatric Endocrinology Department
Yale New Haven Children's Hospital
Yale University, New Haven, CT

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February 2011 – July 2014

Impact of therapeutic glucocorticoid exposure, hypothermia and hyperglycemia in embryonic neural stem cell function.

Mentors:

- Donald DeFranco, PhD
Paula Monaghan-Nichols, PhD
Pittsburgh Institute for Neurodegenerative Diseases, University of Pittsburgh
- Selma F Witchel, MD
Pediatric Endocrinology Department, Children's Hospital of Pittsburgh of University of Pittsburgh Medical Center, Pittsburgh, PA

September 2007 – December 2007

Research Fellow:

- Congenital hyperthyroidism
 - Relationship between prolonged rupture of membranes and neonatal Sepsis
 - Pulse oximetry measurements in newborn infants immediately after birth and Short term outcomes in late preterm infants.
- New York Medical College / Metropolitan Hospital, New York, NY

PEER REVIEWED PUBLICATIONS:

Rajegowda B, Pathak A, Nagaraj A, **Gonzalez L**. Neonatal Seizures in Delivery Room: A Diagnostic Dilemma. Neonatal Intensive Care the Journal of Perinatology – Neonatology. 2007 Oct; 20(6): 24-26.

Ankola P, **Gonzalez LF**, Suguna SN. Neonatal thyrotoxicosis presenting with isolated tachycardia. Neonatal Intensive Care the Journal of Perinatology – Neonatology. 2008 Sept (5): 25-27.

Gonzalez LF, Witchel SF. The patient with Turner syndrome: puberty and medical management concerns. Fertility and Sterility. 2012 Oct (98): 780-786.

Gonzalez Ballesteros, LF, Ma N, Ward L, Backeljauw P, Wasserman H, Weber D, Dimeglio L, Gagne J, Stain R, Cody D, Simmons K, Zimakas P, Swartz Topor L, Agrawal S, Gordon R, Tabben P, Faircloth R, Casey L, Imel E and Carpenter T. Unexpected widespread hypophosphatemia and bone disease associated with elemental formula use in infants and children. Bone. 2017 Apr (97): 287-292

PEER REVIEWED ABSTRACTS:

Gonzalez LF, Tint D, Witchel SF, Monaghan-Nichols P, Defranco DB. Glucocorticoid and hypothermia exposure of neural stem cells during proliferation alters their differentiation potential. Poster presentation. ENDO Conference 2013. San Francisco, CA June 2013.

Leu M, **Gonzalez LF**, Vargas-Trujillo M, Witchel SF, Yatsenko SA. Ambiguous Genitalia in a Patient with Ring Chromosome 13. Poster presentation. ENDO Conference 2013. San Francisco, CA, June 2013.

Luisa Fernanda González Ballesteros

Vargas-Trujillo M, **Gonzalez LF**, Yatsenko SA, Schneck F, Madan-Khetarpal S, Hartman J, Hughan K, Witchel SF. Ambiguous Genitalia and Duplication at Chromosome 5q31: Disorder of Sex Development (DSD) or Cloacal Anomaly?. Poster presentation. ENDO Conference 2013. San Francisco, CA, June 2013.

Gonzalez Ballesteros L, Ma N, Ward L, Backeljauw P, Weber D, DiMeglio L, Gagne J, Stein R, Cody D, Simmons K, Zimakas P, Casey L, Imel E, Carpenter T. Hypophosphatemia associated with the use of elemental formula in children with feeding disorders. Poster presentation. ASBMR (American Society for Bone and Mineral Research) Meeting 2015. Seattle, WA, Oct 2015

Gonzalez B L, Ma N, Ward L, Backeljauw P, Wasserman H, Weber D, Dimeglio L, Gagne J, Stain R, Cody D, Simmons K, Zimakas P, Swartz Topor L, Agrawal S, Gordon R, Tabben P, Faircloth R, Casey L, Imel E and Carpenter T. Hypophosphatemia Associated With Elemental Formula Use In Children With Feeding Problems. Platform Presentation. ESPR (Eastern Society for Pediatric Research) Meeting 2016. Philadelphia, PA, March 2016

Gonzalez B L, Ma N, Ward L, Backeljauw P, Wasserman H, Weber D, Dimeglio L, Gagne J, Stain R, Cody D, Simmons K, Zimakas P, Swartz Topor L, Agrawal S, Gordon R, Tabben P, Faircloth R, Casey L, Imel E and Carpenter T. Hypophosphatemia Associated With Elemental Formula Use In Children With Feeding Problems. Platform Presentation. PAS (Pediatric Academic Societies) Meeting 2016. Baltimore, MD, April-May 2016

Gonzalez B L, Ma N, Ward L, Backeljauw P, Wasserman H, Weber D, Dimeglio L, Gagne J, Stain R, Cody D, Simmons K, Zimakas P, Swartz Topor L, Agrawal S, Gordon R, Tabben P, Faircloth R, Casey L, Imel E and Carpenter T. Hypophosphatemia Associated With Elemental Formula Use In Children With Feeding Problems. Poster Presentation. Yale Pediatric Research Forum 2016. New Haven, CT, May 2016

VOLUNTEER ACTIVITIES:

March 1999 – March 2001 Medical /Surgical Assistant, in medically underserved areas
Cirusabana, Bogotá, Colombia

OTHER ACTIVITIES:

April 2002 – August 2004 Study to obtain the ECFMG certification

OTHER SPECIAL SKILLS:

Languages: English (fluent), Spanish (fluent)