

## **Luisa Fernanda González Ballesteros**

### **Biographical**

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Address: 8100 River Road Apt 717  
North Bergen, NJ 07047  
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E-mail: luisafgonzalez@gmail.com  
Place of Birth: Bogotá, Colombia  
Citizenship: United States

### **Postgraduate Training And Fellowship Appointments**

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#### **Fellowship**

7/2014 – 6/2016 Neonatal-Perinatal Medicine  
Program Director: Lindsay Johnston, MD  
Yale School of Medicine  
Yale-New Haven Children's Hospital  
New Haven, CT

1/2013 – 6/2013 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

1/2010 – 1/2013 Pediatric Endocrinology  
Program Director: Selma F. Witchel, MD  
Children's Hospital of Pittsburgh of University  
of Pittsburgh Medical Center  
Pittsburgh, PA

#### **Residency**

9/2007 – 9/2008 Pediatric Chief Resident / PGY4  
Program Director: Sarla Inamdar, MD  
New York Medical College (Metropolitan)  
Pediatrics Program  
New York, NY

9/2004 – 9/2007

Residency in Pediatrics  
Program Director: Magda Mendez, MD  
Lincoln Medical and Mental Health Center,  
Affiliated of Weill Cornell Medical College  
Bronx, NY

## **Education**

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6/1992 – 6/1998

Doctor of Medicine and Surgery  
Pontificia Universidad Javeriana  
Hospital Universitario San Ignacio  
Bogotá, Colombia, South America

## **Other Advanced Training Experience**

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7/2014 – 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**

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7/2016 – Currently	Assistant Professor, Donald and Barbara Zucker School of Medicine at Hofstra/Northwell Neonatal-Perinatal Medicine Pediatric Endocrinology Lenox Hill Hospital, Northwell Health New York, NY
11/2008 – Currently	Neonatal Intensive Care Unit Hospitalist Jacobi Medical Center Bronx, NY
1/2000 – 3/2002	General Practitioner Organizacion Sanitas Internacional, Clinicentro Ciudad Salitre, Bogotá, Colombia
6/1998 – 12/1998	General Practitioner Rural Year Hospital Arsenio Repizo Venegas San Agustin, Huila, Colombia

## **Specialty Certification**

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	Neonatal Perinatal medicine Board Eligible
05/2019	Diplomate of the American Board Of Obesity Medicine
11/2017	Pediatric Endocrinology
10/2008	American Board of Pediatrics
6/2004	ECFMG Certification

## **Medical Licensure**

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9/2011 – 6/2021	New York Medical License
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## **Honors and Awards**

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April 29 <sup>th</sup> 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**

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NALS (instructor), BLS, PALS certifications current

### **Memberships in Professional Societies**

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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)

### **Didactic Teaching**

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

#### Mortality and Morbidity

Selected cases include: Neonatal abdominal Masses, Zygomycosis in Neonates, Congenital high airway obstruction syndrome, Schneckenbeken 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

5/10/2016

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

Division Neonatology, Jackson Memorial Hospital, Miami, Fl

6/08/2017	Pediatric Grand Rounds: "Thyroid Disorders in Pediatrics" Pediatric Department, Lenox Hill Hospital, New York, NY
9/13/2018	Pediatric Grand Rounds: "Disorders of Sexual Differentiation: Evaluation and management in the newborn" Pediatric Department, Lincoln Medical Center, Bronx, NY
6/13/2019	Pediatric Grand Rounds: "Biology of Gender, Gender Affirming Care" Pediatric Department, Lenox Hill Hospital, New York, NY
6/11/2020	Webinar Covid 19 en la Población Pediátrica "Aspectos Perinatales de la Pandemia" Pontificia Universidad Javeriana, Hospital Universitario San Ignacio, Bogotá Colombia

## Research Activities

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9/2014 – 6/2016	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
2/2011 – 7/2014	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

9/2007 – 10/2007

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**

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- 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**

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- **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.
- 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**

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3/1999 – 3/2001

Medical /Surgical Assistant, in medically underserved areas  
Cirusabana, Bogotá, Colombia



**Other Activities**

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4/2002 – 8/2004

Study to obtain the ECFMG certification

**Other Special Skills**

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- Languages:  
English (fluent), Spanish (fluent)