

## Curriculum Vitae

### Raquel G. Hernandez MD, MPH, FAAP

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**Current Appointment:** Assistant Professor of Pediatrics, Division of General Pediatrics and Adolescent Medicine, Johns Hopkins University School of Medicine  
Associate Director, Medical Education  
All Children's Hospital, Johns Hopkins Medicine

**Professional Data:** 601 5<sup>th</sup> Street South  
All Children's Hospital OCC Building, Suite 608  
St. Petersburg, FL 33701  
Phone: 727-767-4106  
Fax: 727-767-8804  
[Raquel.Hernandez@allkids.org](mailto:Raquel.Hernandez@allkids.org); [rgomez@jhmi.edu](mailto:rgomez@jhmi.edu)

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#### EDUCATIONAL AND PROFESSIONAL TRAINING

<u>Years</u>	<u>Institution</u>	<u>Degree/Program</u>
1995-1999	Binghamton University-State University of New York Binghamton, NY	B.S Cum Laude Departmental Honors
1999-2003	Johns Hopkins University School of Medicine Baltimore, MD	M.D.
2003-2006	Johns Hopkins University School of Medicine Johns Hopkins Hospital Baltimore, MD	Internship/Residency Pediatrics
2006-2009	Johns Hopkins University School of Medicine Johns Hopkins Hospital Baltimore, MD	Fellow Academic General Pediatrics
2007-2009	Johns Hopkins University School of Public Health Baltimore, MD	MPH
2009-2011	University of South Florida, College of Medicine	Assistant Professor, Pediatrics
2011-present	Johns Hopkins University School of Medicine	Assistant Professor, Pediatrics
2011-present	All Children's Hospital, Johns Hopkins Medicine	Associate Director, Medical Ed

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## RESEARCH PUBLICATIONS

### Peer Reviewed Scientific Articles:

Hossain A, Russell J, **Gomez, R**, Laterra, J. Neuroprotection by scatter factor/hepatocyte growth factor and FGF-1 in cerebellar granule neurons is phosphatidylinositol 3-kinase/Akt dependent and MAPK/CREB independent. Journal of Neurochemistry. April 2002; 81(2):365-78.

**Hernandez RG**, Cohen B. Insect Bite Induced Hypersensitivity (IBIH) and the SCRATCH principles: A New Approach to Papular Urticaria. Pediatrics July 2006: 18(10): e183-190.

**Hernandez RG**, Rowe P. Cohort Studies in Pediatric Practice, Pediatr Rev, Sept 2009: 30:364-65.

**Hernandez RG**, Cheng TL, Serwint JR. Parents' Healthy Weight Perceptions and Preferences for Obesity Counseling in Preschoolers: Pediatricians Matter. Clinical Ped. Aug 2010: 49(8): 790-98.

**Hernandez RG**, Thompson DA, Cheng TL, Serwint JR. Early Childhood Obesity: How Do Low-Income Parents Rank Known Risk Factors? Clinical Ped. April 2012: Online first

Thompson DA, Joshi A, **Hernandez RG**, Jennings J, Arora M, Ellen J. Interactive Nutrition Education Via Touchscreen: Is this technology well received by Low-Income Spanish speaking patients? Technology and Health Care. In press, March 2012.

Thompson DA, **Hernandez RG**, Bair-Merritt M, Arora M, Luna R, Ellen J. Nutrition Education Using a Touchscreen Computer: A Randomized Trial in Low-Income Spanish Speaking Latino Parents. Academic Pediatrics. In press, March 2012.

### Abstracts/Presentations:

**Gomez, R**. Romero M.T. NMDA Receptor agonist and co-agonist excitotoxic infusions affect circadian rhythmicity in rats via neuronal injury to the suprachiasmatic nucleus. Poster Presentation at Society for Research on Biological Rhythms National Research Conference. May 7, 1998. Amelia Island Plantation. Jacksonville, Florida.

**Hernandez RG**, Cheng T, Serwint JR. Child-care setting as a determinant of early child overweight status. Results from the Early Childhood Longitudinal Study (ECLS-K). Academic Pediatric Association. Region IV Meeting. Charlottesville, Virginia. January 20, 2008.

**Hernandez RG**, Cheng T, Serwint JR. Parents' Healthy Weight Perceptions and Preferences for Obesity Counseling in Preschoolers: Pediatricians Matter. Pediatrics Academic Societies Meeting, Vancouver, CA. May 2010.

Thompson DA, **Hernandez RG**, Sibinga E, Ellen J. Learning to be a primary care provider in your non-native language: Resident experiences caring for Spanish-speaking families, Pediatric Academic Societies Meeting, Vancouver, CA. May 2010.

Thompson DA, **Hernandez RG**, Bair-Merritt M, Arora M, Luna R, Ellen J. Nutrition Education Using a Touchscreen Computer: A Randomized Trial in Low-Income Spanish Speaking Latino Parents. Pediatric Academic Societies Meeting, Boston, MA. May 2012.

**Hernandez RG**, Thompson DA, Cheng T, Serwint JR. Early Childhood Obesity : How Do Low-Income Parents Rank Known Risk Factors. Pediatric Academic Societies Meeting, Boston MA. May 2012

Other publications:

**Hernandez RG**, Cohen B. The rash of summertime exanthems. *Contemporary Pediatrics*. July, 2007: 24(7): 39-48.

**Hernandez RG**. Pediatricians speak up for Title VII. *AAP News*. January 2008: 29(5).

**Hernandez RG**, Moon M. Hearing screening in pediatric primary care. Johns Hopkins Internet Learning Center, Website contents © 2002-2010 The Johns Hopkins Hospital Dept. of Medicine. July 2009.

**Hernandez RG**. Colic and Temperament. Johns Hopkins Internet Learning Center, Website contents © 2002-2010 The Johns Hopkins Hospital Dept. of Medicine. July 2009.

**Hernandez RG**, Thompson DA. Caring for Patients with Limited English Proficiency. Johns Hopkins Internet Learning Center, Website Contents © 2002-2011. The Johns Hopkins Hospital Dept of Medicine. July 2010.

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RESEARCH SUPPORT

NIH – 1 K30 RR022270 (PI: Zuckerman) 9/1/2009 – 8/31/2010  
Scholars in Patient-Oriented Research (SPOR) Program

This grant provided support for the Master of Science in Medical Sciences degree program with a concentration in Clinical and Translational Research and my studies for this degree, including tuition support.

Role in Project: Scholar

Overlap: None

The Thomas Wilson Sanitarium for Children of Baltimore City (PI: Serwint) 7/1/2007-6/30/2010  
Evaluating Motivators, Barriers and Strategies to Promoting Healthy Growth And Nutrition in Baltimore City's Preschoolers.

This grant provided support for the development and completed a cross-sectional study using semi-structured interviews in parents of preschool age children to evaluate perceptions related to child body image and early childhood obesity. Results will inform providers on well-child based counseling methods preferred by parents.

Role in Project: Co-Investigator

Overlap: None

Johns Hopkins Hospital, Division of General Pediatrics (PI: Thompson) 6/1/2009-6/1/2010  
Resident experiences with Spanish-Speaking Limited English Proficient Patients in Pediatric Primary Care Training (R.E.S.P.C.T Study)

This grant allowed for the development and completion of in-person semi-structured interviews for pediatric residents to identify current educational and clinical needs related to caring for patients with limited English proficiency.

Role in Project: Co-investigator

Overlap: None

Completed Research Support

HRSA grant # D55HP00118-06-00, Johns Hopkins Hospital (PI Duggan) 9/1/2006-6/30/2009

Child-care Setting as a Determinant of Early Childhood Weight Status: Results from the Early Childhood Longitudinal Study Kindergarten Cohort (ECLS-K).

This grant provided fellowship training support to complete secondary data analysis investigating the role of center-based care on risk for early childhood obesity. Findings were presented at regional Academic Pediatric Associations meeting (APA).

Role: Fellow

Overlap: None

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## EDUCATIONAL ACTIVITIES

2011-present	Associate Director of Graduate Medical Education. Dedicated to establishing and implementing a novel residency training program at All Children's Hospital with a focus on development of a pediatric continuity clinic experience. Roles include curriculum development, faculty development, recruitment and evaluation of the program.
2009-2011	Continuity and acute clinic preceptor: University of South Florida STC Pediatric Clinic. Precept pediatric and med-peds residents in the acute and continuity clinics.
2006-2009	Continuity clinic preceptor Harriet Lane Clinic (HLC), Johns Hopkins Children's Center- worked with 6 pediatric residents longitudinally; prepare and teach weekly didactic sessions
2006-2009	Acute care preceptor HLC-worked with medical students, interns and senior residents in providing urgent patient care; precept and teach on pediatric primary care issues
2008-2009	Coordinator for monthly outpatient resident case conferences
2006-2009	Inpatient ward fellow for HLC service, 3 weeks per year.
2007-2009	Urgent care attending and preceptor in Johns Hopkins Pediatric Emergency Room.

## INVITED LECTURES

Framing the Pediatric Obesity Epidemic. **Hernandez, RG.** Presented Oct 16<sup>th</sup>, 2011 12<sup>th</sup> Annual Conference on Obesity, Orlando FL.

Framing the Pediatric Obesity Epidemic. **Hernandez RG.** Presented April 6<sup>th</sup>, 2012. All Children Hospital Johns Hopkins Medicine Grand Rounds.

Updates in Pediatric Obesity. **Hernandez RG.** Presented June 26<sup>th</sup>, 2012. Suncoast Pediatric Meeting. Sarasota FL.

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## CLINICAL ACTIVITIES

### Board Certification:

2006 USMLE certified  
2007 American Board of Pediatrics

### Licensure:

2006-2010 Medical License-Maryland  
2009-present Medical License-Florida

### Clinical Responsibilities:

2010-present Primary pediatric care for patients in the ACH-JHM Advanced Medical Home, All Children's Hospital  
2006-2009 Primary pediatric care for patients in the Harriet Lane Clinic, Johns Hopkins Hospital  
3 half sessions per week  
2006-2009 Ward attending for general pediatric service at Johns Hopkins Children's Center.  
2008-2009 Urgent care for patients at the Johns Hopkins Children's Center.

### Organizational Activities:

2011-Present Medical Student Assessment Program (ACH)  
2011-Present ACH-JHM Curriculum Committee  
2011-Present ACH-JHM Graduate Medical Education Committee

### Professional Societies:

2010-Present Member, National Childhood Obesity Foundation, Healthcare Committee  
2010-Present Fellow, American Academy of Pediatrics (AAP)  
2003-Present Member, American Academy of Pediatrics  
2006-Present Member, Academic Pediatric Association (APA)  
2006-Present Diplomate, American Board of Pediatrics  
2009-Present Member, Obesity Leadership Workgroup, AAP  
2008-present Reviewer, National Heart, Lung and Blood Institute Pediatric Guideline titled *Integrated Cardiovascular Health and Risk Reduction*

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## RECOGNITIONS

### Honors and Awards:

1998 Distinction for Excellence in Independent Research. Investigated the role of the NMDA glutamate receptor within the suprachiasmatic nucleus and how its function correlates to rat circadian rhythms  
Binghamton University, Psychobiology.

2007 NIH Travel Award. National Medical Association Annual Conference, Honolulu Hawaii.

2009 Phi Kappa Phi Honor Society. University of South Florida.

Leadership Experience:

- 2003-2006 Resident Action Committee. Resident group oriented at improving the outpatient experience in the Harriet Lane Clinic.
- 2005-2006 Morbidity and Mortality Committee. Faculty and resident run group focusing on monthly discussion of patient cases to identify ways to improve patient care and hospital system functioning.
- 2006-2009 Intern Selection Committee, Johns Hopkins University School of Medicine Pediatric Residency Program. Responsible for reviewing applications and interviewing candidates for the Johns Hopkins Pediatric Residency Program.
- 2010-present ACH-JHM Graduate Medical Education Committee. Member of institutional group responsible for oversight of policies, processes and curriculum in graduate medical education.