

Karyn Gerstle, MD/MPH, FAAP, IBCLC
University of South Florida, Morsani College of Medicine
Department of Pediatrics, General Academic Pediatrics Division
2 Tampa General Circle, Tampa, FL 33606
Mobile: (561) 715-2716
Email: karyngerstle@usf.edu

CITIZINSHIP

United States

EDUCATION

GRADUATE

- Columbia University, New York, NY 2012-2013
Master of Science, Nutrition Science

- University of Miami Miller School of Medicine, Miami, FL 2013-2017
Doctor of Medicine and Master of Public Health

UNDERGRADUATE

- University of Miami, Miami, FL 2004-2008
Bachelor of Science, Journalism and Psychology

POST GRADUATE TRAINING

- University of Chicago, Chicago, IL 2017-2020
Residency, Pediatrics

BOARD CERTIFICATION AND LICENSURE

- American Board of Pediatrics, General Pediatrics 2020
- Pediatric Advanced Life Support, due for renewal 4/25 2023
- Neonatal Resuscitation Program, due for renewal 5/25 2023
- International Board Certified Lactation Consultant 2023
- Florida Medical License, renewed 1/24 2022

PROFESSIONAL HONORS AND AWARDS

- NorthShore University Health System Resident of the Year 2020
One resident selected annually

- Pediatric Resident of the Month 2018
University of Chicago, selected 3 times

- Outstanding Capstone Project 2017
University of Miami, one student chosen per year

- Iron Arrow Honor Society Inductee 2017
The highest honor attained at the University of Miami
- Gold Humanism Honor Society Inductee 2016
- Springboard Grant Recipient 2015
\$5,000 awarded towards research on understanding knowledge towards
Contraception in women experiencing homelessness

ACADEMIC APPOINTMENTS

University of South Florida, Tampa, FL 2022-present
Assistant Professor
Department of Pediatrics

NorthShore University Health System, Chicago, IL 2020-2022
Pediatric Hospitalist
Clinical Educator, University Chicago Pediatric Residency
Clinical Educator, Northwestern Family Medicine Residency

PROFESSIONAL MEMBERSHIPS

American Academy of Pediatrics, Fellow 2020-present
American Academy of Pediatrics, Florida Chapter 2022-present
Academy of Breastfeeding Medicine 2023-present
American College of Lifestyle Medicine 2023-present

TEACHING

Undergraduate Medical Education

UNIVERSITY OF SOUTH FLORIDA

Maternal Newborn and Pediatrics Clerkship (BCC7185)

Faculty Instructor 2022-present
Newborn lecture, respiratory lecture, neurology lecture (as needed)
CPX Evaluator

Primary Care Clerkship (BCC7184)

Faculty Preceptor: 2-3 students per ½ day – 12 students per week 2022-present

UNIVERSITY OF CHICAGO PRITZKER SCHOOL OF MEDICINE

Pediatric Clerkship

Faculty Preceptor on wards: 2-3 students who rotated every 2 weeks 2020-2022

Graduate Medical Education

UNIVERSITY OF SOUTH FLORIDA

Pediatric Ambulatory Rotation

Faculty Preceptor: 3-4 residents/6 clinics per week 2022-present

Pediatric Continuity Clinic 2023-present
Faculty Preceptor: 4 residents every Monday afternoon

UNIVERSITY OF CHICAGO PRITZKER SCHOOL OF MEDICINE
General Inpatient Rotation
Faculty Preceptor 2020-2022
3 residents per month

Newborn Nursery Rotation
Faculty Preceptor
2 residents per month

Resident Lectures

University of Chicago 2020-2022

- Management of Respiratory Distress in Pediatric Patients
Academic Half Day, monthly (given to Emergency Medicine and Family Medicine Residents)
- Fluid Management
Academic Half Day, monthly (Pediatric Residents)
- Newborn Skin Findings, jaundice, TORCH Infections, Congenital Heart Disease
Weekly (Pediatric and Family Medicine Residents on Newborn Rotation)

University of South Florida

- Management of Pediatric Obesity
Academic Half Day (Primary Care Bootcamp)
- Exercise and Nutrition Counseling for the Pediatric Population
Academic Half Day (Primary Care Bootcamp)
- Breastfeeding and Infant Nutrition
Academic Half Day

MENTORSHIP

Faculty Mentor

One resident per class: Meet at least 2x per year, review ITE, provide career development

Research Mentor

Currently supervising 7 residents on their research/QI projects that span the following topics:

- Improving Resident self-efficacy with Motivational Interviewing
- Assessing Resident Knowledge. Attitudes and Perceptions towards Crash Cart supplies in outpatient setting
- Creating a new model for Obesity management in Continuity Clinic Setting using the AAP updated clinical practice guidelines for Obesity Management

- Improving management of hyperbilirubinemia requiring phototherapy in the newborn nursery

Curriculum Design and Innovation

- Parenting Rotation
- Breastfeeding Curriculum for Academic Half Day

CLINICAL ACTIVITIES

UNIVERSITY OF SOUTH FLORIDA

Acute and Continuity Clinic 2022-present

A combination of sick and well visits for general pediatrics
6 clinics per week, between 24-32 patients daily

TAMPA GENERAL HOSPITAL

Newborn Inpatient Service 2022-present

Supervise residents, medical students and nurse practitioners
Roughly 1 week per month

General Pediatrics Inpatient Service 2022-present

Supervise residents and medical students taking care of pediatric patients admitted to the hospital
Roughly 8-12 times per year as weekend coverage

PUBLISHED ABSTRACTS & PUBLICATIONS

Paraneoplastic Opsoclonus Myoclonus Associated with Inflammatory Myofibroblastic Tumor in a Pediatric Patient. *Pediatr Blood and Cancer*. 2020; Volume (67) 8: e28218.
Authors: Gerstle K, Siddiqui A, Schulte J, Cohn S.

Pediatric anti-NMDA receptor encephalitis with catatonia: treatment with electroconvulsive therapy. *Pediatr Rheumatol Online J*. 2019; Volume (17)1:8.
doi:10.1186/s112969-019-0310-0.

Authors: Moussa T, Afzal K, Cooper J, Rosenberger R, Gerstle K, Wagner-Weiner L.

Pediatric anti-NMDAR Encephalitis: The most common cause of encephalitis in children after infection. *Pediatric Annals*. 2019;48(10): e387-e390.

Authors: Gerstle K, Hur, M, Moussa T, and Teshler M.

Pleuroparenchymal Fibroelastosis: Rare Lung Disease in an 8 year Child Treated for Neuroblastoma

Pediatric Pulmonology. 2020;(55)3:E1-E4

Authors: Gerstle K, Tanager K, Hegde S, Chung JH, Husain AN, Applebaum MA, Dyamenahalli U.

Genomic Signatures of a Global Fitness Index in a Multi-ethnic Cohort of Women. *Annals of Human Genetics*. Volume 77 (2): 147-57. January 2013.

Co-Author: Rampersaud E, Nathanson L, Farmer J, **Meshbane (Gerstle) K**, Belton RL, Dressen A, Cuccaro M, Musto A, Daunert S, Deo S, Hudson N, Vance JM, Seo D, Mendez A, Dykxhoorn DM, Pericak-Vance MA, Goldschmidt-Clermont PJ.

ORAL PRESENTATIONS, POSTERS AND CONFERENCES

Poster Presenter, American Academy of Pediatrics National Conference (October 2023)

Clark C, Havlicek E, **Gerstle K**. Resident Clinic Resuscitation Quality Improvement: An educational review and intervention on resident comfort with pediatric resuscitation equipment in the ambulatory setting

Poster Presenter, University of Chicago Medical Education Day (June 6, 2019)

Gerstle, K. Pleuroparenchymal Fibroelastosis: A Very Rare Lung Disease in an 8-year-old Child Treated for Neuroblastoma

Oral Presenter, University of Chicago Pediatric Residency Morning Report (January 16, 2019)

Gerstle, K. Presented a morning report on a patient with Kawasaki Shock Syndrome and updates on diagnosis and treatment of Kawasaki Disease [lecture]

Oral Presenter, University of Chicago Pediatric Residency Noon Conference Journal Club (June 18, 2018)

Gerstle, K. Presented a journal club discussion of the article, “Association of Broad- vs Narrow-Spectrum Antibiotics With Treatment Failure, Adverse Events, and Quality of Life in Children With Acute Respiratory Tract Infections” by Gerber et al. [lecture]

Oral Presenter, Care of Transgender Youth, University of Chicago Pediatric Residency Morning Report (November 29, 2017)

Gerstle, K. Presented a morning report on guidelines regarding hormone therapy and surgical intervention for transgender patients [lecture]

Poster Presenter, University of Chicago Medical Education Day (November 16, 2017)

Gerstle, K. (2017). Serving the Community and Understanding the Affordable care Act: University of Miami Medical Students Trained as CAC assisters

Oral Presenter, American Public Health Association Annual Meeting and Expo; Denver, CO (October 30, 2016)

Gerstle, K, Poquette, A., Douglass, K. M., and Curry, C. (2016) A Preliminary Assessment of Knowledge, Attitudes, and Practice toward Long Acting Reversible Contraception Among Women Experiencing Homelessness [abstract].

Publication Submission, Academic Medicine (May, 2016)

Moody, A., **Gerstle, K.**, Diamond, J., Snow, K., Desphande, A.R., O’Connell, M. (2016). Training Medical Students as Certified Application Counselors for the Affordable Care

Act: A service learning approach to improving medical student health insurance literacy and awareness of barriers to adequate health insurance [publication]

Poster Presented at the 5th Annual VA Discovery Day; West Palm Beach, FL (May 19, 2016)

Gerstle, K., Poquette, A., Douglass, K. M., and Curry, C. (2016) Attitudes toward Pregnancy and Contraception Among Women Experiencing Homelessness.

Oral Presenter, Affordable Care Act Basics, University of Miami Regional Campus Internal Medicine Noon Conference

Gerstle, K. The goal of this talk was to help residents understand the goals of the Affordable Care Act, a background into some of the major controversies surrounding the law, and an overview of the Supreme Court hearing that challenged the ACA in May 2015.

Poster Presented at the Eastern-Atlantic Student Research Forum; Miami, FL (March 4, 2016).

Gerstle, K., Poquette, A.J., Douglass, K. M., and Curry, C. (2016) A Preliminary Assessment of Knowledge, Attitudes, and Practice toward Long Acting Reversible Contraception Among Women Experiencing Homelessness.

Poster Presenter, Society of General Internal Medicine; Toronto, Canada (April 23, 2015)

Moody, A., Shiroky, J., Bennett, J., **Gerstle, K.**, Melillo, A., Lin, J., Snow, K., O'Connell, M. (2015). Serving the Community and Understanding the Affordable care Act: University of Miami Medical Students Trained as CAC assisters [abstract].

Obesity Symposium, October 2011, University of Miami: Poster

A Prescription for Personalized Wellness: Identification of Genomic Signatures of VO₂max Responsiveness among Individuals Undergoing Combined Aerobic and Resistance Training.

Co-Author: Evadnie Rampersaud, Lubov Nathanson, Jeffrey Farmer, Tony Musto, Armando Mendez, Richard L. Belton, **Karyn Gerstle**, Amy Dressen, Natasha Hudson, Michael Cuccaro, Jeffery M. Vance, David Seo, Margaret A. Pericak-Vance, Pascal J. Goldschmidt-Clermont.

American College of Sports Medicine Conference, June 2011, Denver: Poster

An Effective Exercise Program for Developing Genetic Risk Predictions of Fitness Response Among Multi-ethnic

Co-Author: Farmer, Jeffrey T.; Musto, Anthony; Vance, Danica D.; Tekin, Demet; Cuccaro, Michael; Vance, Jeffery; **Gerstle, Karyn**; Belton, Richard L.; Dauer, Ryan; Seo, David; Pericak-Vance, Margaret A.; Goldschmidt, Pascal J.; Rampersaud, Evadnie

Cardiovascular Symposium, June 11, 2010: Poster

The UM Genetics, Exercise and Research (GEAR) Study: A new paradigm for targeting fitness through genetics.

Co-Author: Rampersaud E, Musto T, Farmer J, **Gerstle K**, Belton R, Perez K, Tekin D, Slifer M, Mendez A, Seo D, Percak-Vance M, Golschmidt-Clermont P.

SERVICE AND LEADERSHIP

PAS Abstract Reviewer

2023

Reviewed and Rated 50 Abstracts for upcoming 2024 conference

AAP Obesity QI Project Site Leader

2023-present

Focused on improving the identification and evaluation of obesity and Its comorbidities at well visits and initiating an obesity care plan with Patients and families

Tampa Bay Breastfeeding Task Force, Historian

2023-present

Mission: To support, promote, and protect breastfeeding in Tampa Bay

American Medical Women's Association

2023

Faculty Mentor, USF Morsani College of Medicine Chapter

AAP VIP BASiC Project Site Leader

2020-2022

Led a Quality Improvement project for the NorthShore University Pediatric Hospitalist Group as part of the AAP Better Antibiotic Selection in Children (BASiC) National Collaborative

COMMITTEES

Education Committee, University of South Florida

2022-present

Meet Quarterly to review medical student curriculum

New Intern Recruitment, University of Chicago

2017-2020

Participated in new intern selection at the University of Chicago by interviewing and recommending several prospective residency candidates

OTHER SERVICE

Health Navigator

2014-2017

Assisted individuals who needed health insurance by helping them navigate the Health Insurance Marketplace and choose plans that were created as part of the Affordable Care Act

Lotus House Wellness Center Physician Liaison

2013-2015

Worked at this student run clinic as the physician liaison during my first 2 years of medical school. Lotus House is an organization dedicated to educating, serving and improving the lives of homeless women, children and youth.