



COMMUNITY
PEDIATRICS
TRAINING INITIATIVE

A program of the American Academy of Pediatrics

-Established-

2016

James B. Duke

THE DUKE ENDOWMENT



Carolinas Collaborative

2 States
8 Pediatric Residency Programs
1 Team



Carolyn Avery
Debi Best
Richard Chung
Ellie Erickson
Emily McCormick



Jessica Kuhn
Madlyn C. Morreale
Colin Orr
Emily Vander Schaff



Margaret Ellis
Sara Horstmann
Shivani Mehta
Stefanie Reed



Kristina Gustafson
Denise Kimbrough
Faith Middleton
Jimmy Roberts



Jenn Crotty
Karin Hillenbrand

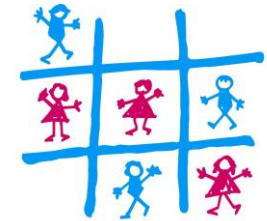


❑ **Upstate**

Blakely Amati
Meredith Eicken
Kerry Sease
Denise Wiklacz

❑ **Midlands**

Jeff Holloway
Katie Stephenson



Brenner Children's Hospital
Wake Forest University Baptist Medical Center

Laurie Albertini
Callie Brown
Emily Dunn
Cherece Grier
Kimberly Montez



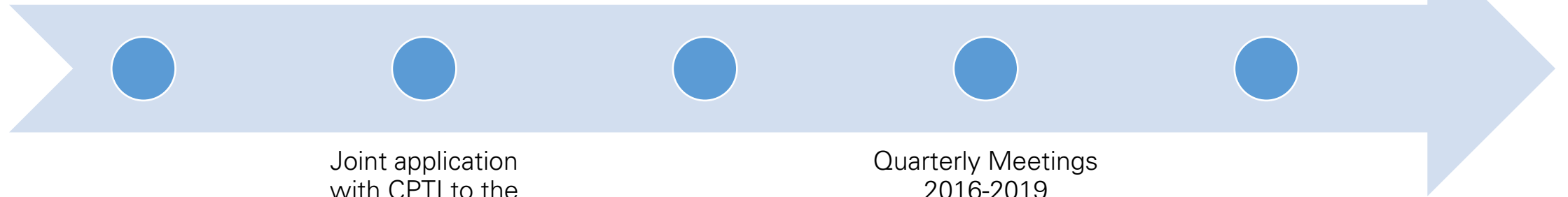


PAS San Diego,
2015

Assessing interest
of NC/SC
institutions

1st meeting
PAS Baltimore
May 2016

CC 2.0 funding
awarded November
2019



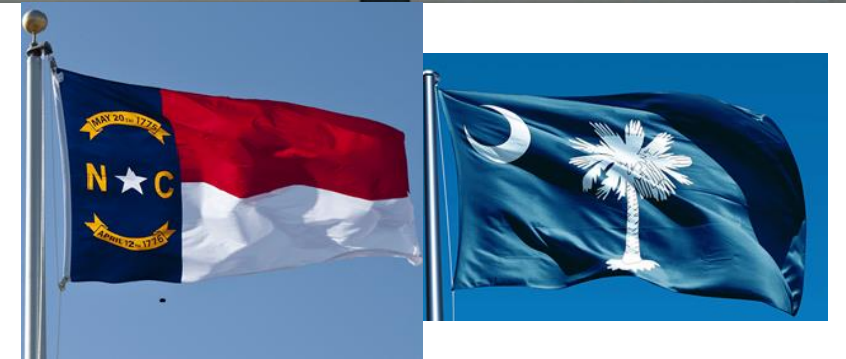
Joint application
with CPTI to the
Duke Endowment;
Funding Awarded
January 2016

Quarterly Meetings
2016-2019

Carolinan Collaborative 2.0

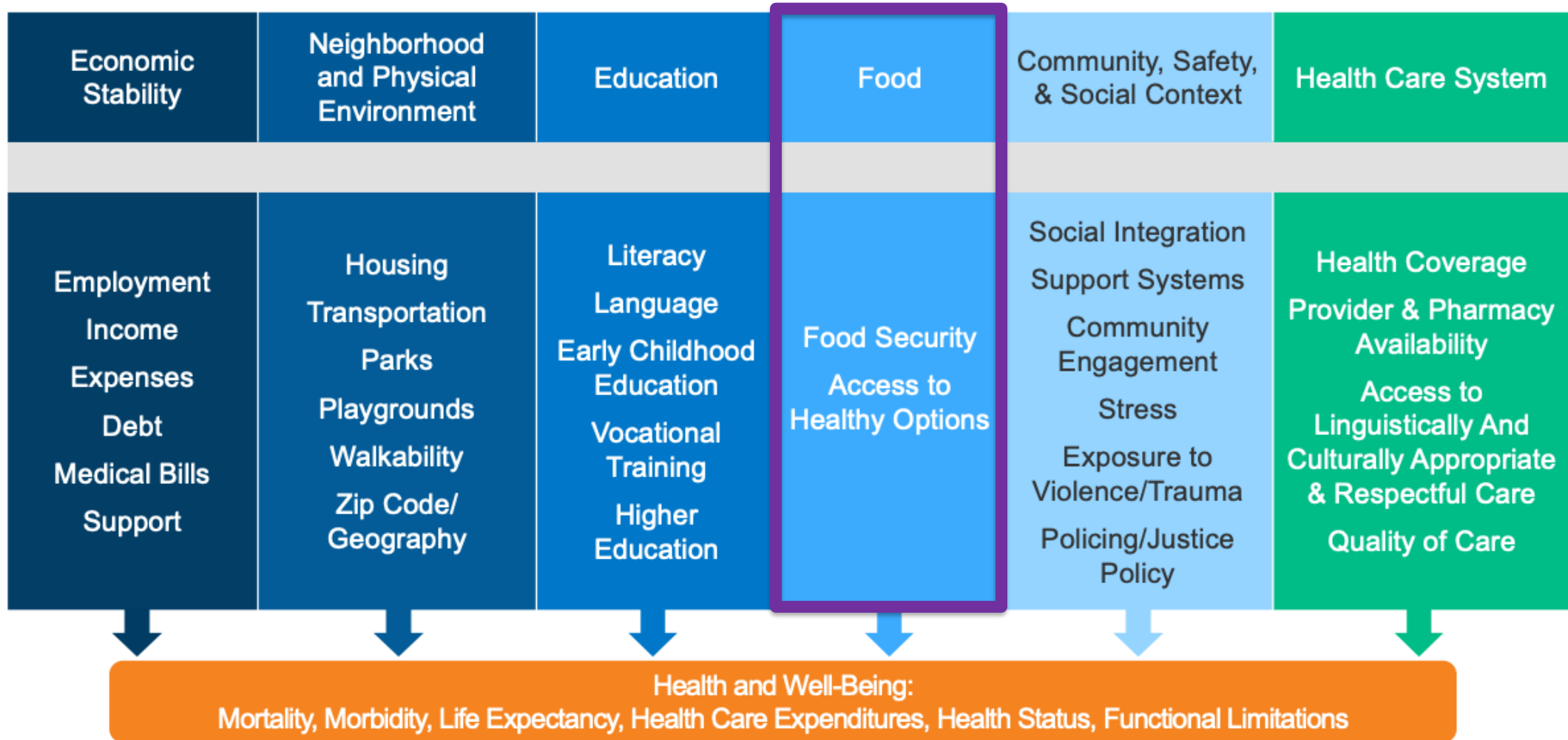
Strengthening Support for Vulnerable Families 2019-2022

- Reduce impact of **SDoH** on children and families through screening and referral across North and South Carolina.
- Improve pediatricians' ability to address unmet social needs via residency programs and community practices.
- Enhance leadership capacity of CC members in their institutions, communities, regionally and nationally.
- Strengthen regional collaboration between the CC, state AAP Chapters, and local community pediatricians.





Social Determinants of Health





Title	Category	Topics Covered	No. of Items	Parent Completion Time	Cost
A Safe Environment for Every Kid (SEEK) Questionnaire - R(PQ-R)	Maternal Depression, Social Determinants of Health	Domestic Violence, Food Insecurity, Harsh Punishment, Intimate Partner Violence, Maternal Depression, Parental Depression, Parental Stress, Parenting, Substance Abuse	15	2 min	Requires license - possibly free, although there is a negotiated fee for large practices (> 10 PCP), healthcare systems/institutions, & software companies
Accountable Health Communities Core Health-Related Social Needs Screening Questions	SDoH	Food Insecurity, Housing, Safety, Transportation	10	< 5 min	Free
Health Leads Screening Tool	SDoH	Exposure to Violence, Financial Security/Stress, Food Insecurity, Housing, Transportation	10	< 3 min	Free
Hunger Vital Sign	SDoH	Food Insecurity	2	< 1 min	Free
Income, Transportation, Housing, Education, Legal Status, Literacy, & Personal Safety (IHELLP)	SDoH	Education, Housing, Income, Legal Status/Immigration, Literacy, Safety, Transportation	11 - 24	5 min	Free
Protocol for Responding to & Assessing Patients' Assets, Risks, & Experiences (PREPARE)	SDoH	Domestic Violence, Education, Employment, Family Member Incarceration, Financial Security/Stress, Housing, Safety, Stress, Transportation	17 - 21	~ 9 min	Free
Survey of Wellbeing of Young Children (SWYC)	Development, Autism, Social-emotional Development, Maternal Depression, SDoH	Autism, Family Stress, Language Development, Maternal Depression, Motor, Social-emotional Development	10 - 17	5 - 10 min	Free
Well Child Care, Evaluation, Community Resources, Advocacy, Referral, Education Survey Instrument (WE CARE)	SDoH	Child Care, Education, Employment, Food Insecurity, Housing	10	< 5 min	Free
Whole Child Assessment	Maternal Depression, SDoH, Health Supervision, Adolescent Depression	Anxiety, Bullying, Dental, Depression, Development, Domestic Violence, Education, Family Member Incarceration, Family Member Mental Illness, Food Insecurity, Housing, Incarceration, Intimate Partner Violence, Mental Health, Nutrition, Parental Depression, Parental Stress, Parenting, Physical Activity, Physical/Emotional Abuse, Physical/Emotional Neglect, Relationships, Safety, Sexual Abuse, Sleep, Substance Abuse, Tuberculosis	32 - 50	10 min	Free
PEARLS - Pediatric ACEs Screening & Related Life-events Screener	SDoH	Bullying, Depression, Domestic Violence, Exposure to Violence, Family Member Incarceration, Family Member Mental Illness, Family Stress, Food Security, Housing, Incarceration, Intimate Partner Violence, Parental Depression, Physical/Emotional Abuse, Physical/Emotional Neglect, Sexual Abuse, Social, Substance Abuse	3	N/A	Free

- AAP has
 - Some
- Most similar screening
 - Only 2
 - Takes
 - Free to

worried that you got

good you didn't have

good netime

Billing

- Due to screening for Autism & Development, bill a 96110 for SWYC
- All other tools, bill either a:
 - **96160** or **96161**
- Associate with:
 - Z13.9: Encounter for screening involving social determinants of health (SDoH)
- If + for FI, associate with:
 - **Z59.4** Food Insecurity/Lack of adequate food/Lack of access to adequate food

96160 - Patient-focused Health Risk Assessment				
Description	Examples	Frequency	Rate	Documentation
Administration of a patient-focused health risk assessment	Acute Concussion Evaluation (ACE), CRAFFT, Health Leads, Hunger Vital Sign	Two (2) times per date of service for beneficiaries up to 18 years of age	\$8.14	Copy of the completed screen w the score & documentation per instrument screening tool

96161 - Caregiver-focused Health Risk Assessment				
Description	Examples	Frequency	Rate	Documentation
Administration of a caregiver-focused health risk assessment instrument for the benefit of the patient	Edinburgh Postpartum Depression Screen, SEEK, Health Leads, Hunger Vital Sign, We Care	Two (2) times per date of service for beneficiaries up to 18 years of age	\$8.14	Copy of the completed screen w the score & documentation per instrument screening tool



Carolinan Collaborative

2 States
8 Pediatric Residency Programs
1 Team

Connect Families to Sustainable Resources



WANT TO FIND
FREE SUMMER
MEALS FOR YOUR
CHILD?

AVAILABLE TO ANY CHILD UNDER 18
YEARS OF AGE



FOR HELP:
CALL: 1-866-3-HUNGRY (348-6479)
OR
TEXT: 'FOOD' TO 877-877

FOLLOW THESE STEPS!

- 1 SCAN THE QR CODE USING YOUR SMARTPHONE CAMERA
- 2 OPEN THE USDA SUMMER MEALS FINDER
- 3 ENTER YOUR ADDRESS OR ZIP CODE
- 4 CLICK ON THE BLUE DOTS TO SEE INFORMATION ON HOW TO PICK UP FREE MEALS
- 5 PICKUP YOUR MEALS!

WE RECOMMEND CALLING
LOCATIONS TO CONFIRM DAYS AND
TIMES FOR PICKUP



Free and Reduced School Lunch Program

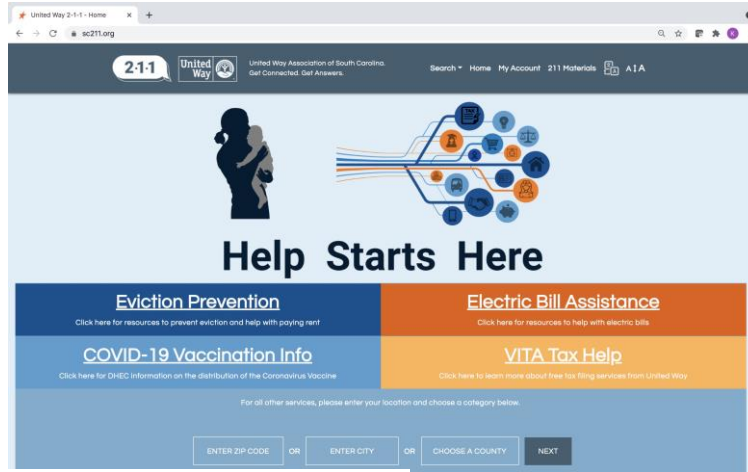




Carolinan Collaborative

2 States
8 Pediatric Residency Programs
1 Team

Emergency Food Resources



SOUTH CAROLINA
Parents

Find Help Local Programs Information for Parents Stories For Child-Serving Professionals



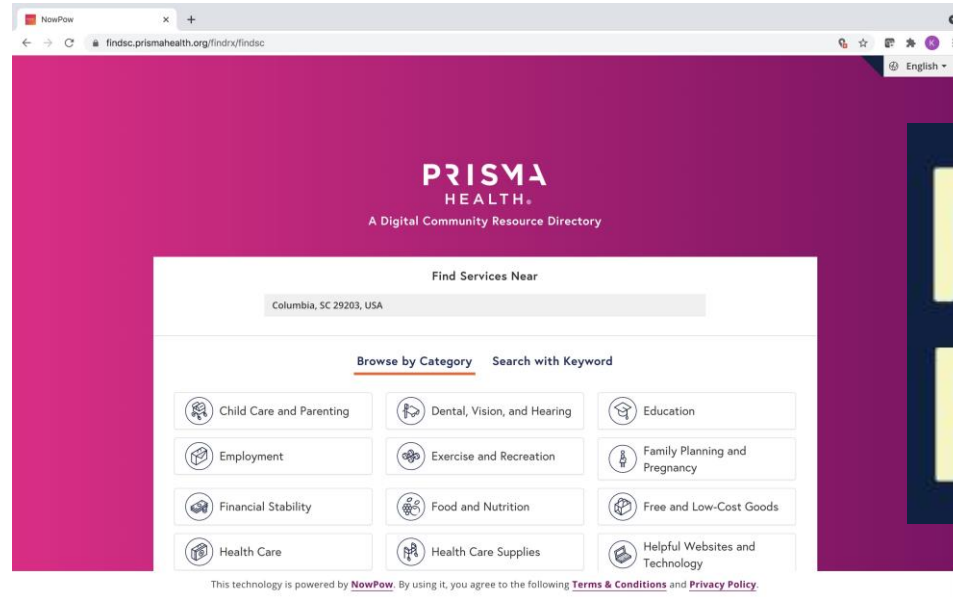
Helping families every day

Organizations across South Carolina are ready to help families with their challenges – big and small. Find your help today.

Check out our parenting page for resources and stories of success.

Growing strong families in South Carolina

Proven prevention programs meet families where they are to help parents and their children thrive.





Carolinan Collaborative

2 States
8 Pediatric Residency Programs
1 Team

Automatic Resources Added to AVS by SWYC

The screenshot shows a medical software interface with a 'SmartText Lookup' window open. The main window displays patient information for 'Baby 1' and a 'Charge Capture' section. The 'SmartText Lookup' window has a search bar containing 'SWYC' and a list of matches. The first match is selected, and its preview is shown on the right side of the lookup window.

SmartText Lookup

Search: SWYC

Matches

- ☆ SWYC FAMILY QUESTION FOOD INSECUR...
- ☆ SWYC FAMILY QUESTION FOOD INSECUR...
- ☆ SWYC FAMILY QUESTION FOOD INSECUR...
- ☆ SWYC FAMILY QUESTION FOOD INSECUR...
- ☆ SWYC FAMILY QUESTION FOOD INSECUR...
- ☆ SWYC FAMILY QUESTION FOOD INSECUR...
- ☆ SWYC FAMILY QUESTION FOOD INSECUR...
- ☆ SWYC FAMILY QUESTION FOOD INSECUR...
- ☆ SWYC FAMILY QUESTION FOOD INSECUR...
- ☆ SWYC FAMILY QUESTION PARENT MENT...
- ☆ SWYC FAMILY QUESTION PARENT MENT...
- ☆ SWYC FAMILY QUESTION PARENT MENT...
- ☆ SWYC FAMILY QUESTION PARENT MENT...
- ☆ SWYC FAMILY QUESTION PARENT MENT...
- ☆ SWYC FAMILY QUESTION PARENT MENT...
- ☆ SWYC FAMILY QUESTION SC SMOKING C...
- ☆ SWYC FAMILY QUESTION SC SMOKING C...

Preview

Anderson County Food Pantries (Despensas de alimentos)

Anderson

- The Good Neighbor Cupboard: 864-224-1701
- Living Water Church: 864-760-1562
- Anderson Interfaith Ministry: 864-226-2273
- West Anderson Church of God: 864-261-7700
- Gospel Tabernacle of Faith Church: 864-261-7107
- Hope Baptist Church: 864-261-9056
- St. Mary of the Angels Church: 864-226-8621
- Sanctuary of Praise: 864-224-6699
- Anderson First Seventh Day Adventist: 864-373-4312
- Royal Baptist Church: 864-964-9006

Pelzer/Williamston/Belton

- Operation Care: 864-847-7090
- Golden Harvest Food Bank Upstate Warehouse: 864-222-9510
- Belton Interfaith Ministries: 864-338-7797
- Faith Food Bank: 864-518-1477
- Iva First Baptist: 864-348-3662
- Honeapath United Ministry: 864-369-2550

Favorites Only

Focus on Resident Education

- Brittany Williams, MD, MPH, PGY-3 *Prisma Health Upstate QI project*
 - Development of a food insecurity algorithm based on NOPREN algorithm
 - Brief resident education
 - Epidemiology
 - Health impacts
 - Diagnosis via Hunger Vital signs
 - Introduction of Food Insecurity Algorithm
 - Encouraging proper ICD-10 coding
 - Random chart review tracking pre and post food insecurity statistics





Food Insecurity Management Algorithm

If Often True or Sometimes True to Either Statement

Need for SW consult

- Severe food insecurity- no or very limited food in the home with no ability to get more without assistance
- Significant co-morbidity
- Other complex psychosocial needs

Step 1: Assess and treat, if indicated

- Growth parameters (underweight, overweight, and short stature)
- Problems with behavior and/or development
- Dental caries
- Iron deficiency
- Child or parent depression or anxiety
- Academic underperformance
- Asthma

Step 2: Code for food Insecurity
ICD-10 code Z59.4

Step 3: Refer to Food Resources

- Sustainable food resources included:
 - SNAP
 - WIC: Pregnant women and children <5 years old
 - School breakfast and lunch
 - Afterschool meals and snacks
 - Summer meals programs
- Emergency food sources includes:
 - Food Pantries
 - Soup Kitchens/free dining rooms
- Enroll in all eligible benefits (childcare assistance, Medicaid, TANF, etc.)

Step 4: Follow-Up at Next Visit
Follow up referrals to food resources

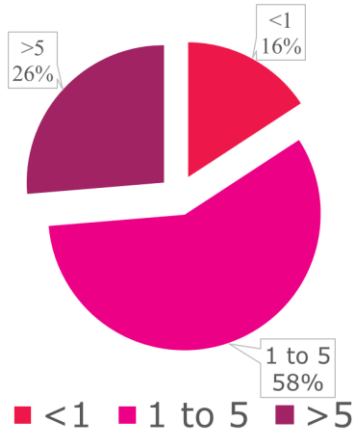
- [Provide information on 211](#)
- [Search for nearest food pantries](#) with [appropriate applications](#)
- [Enroll in Food Share](#)
- [PASOS](#) for Latino families
- Food Resource Navigator may call to follow-up with families



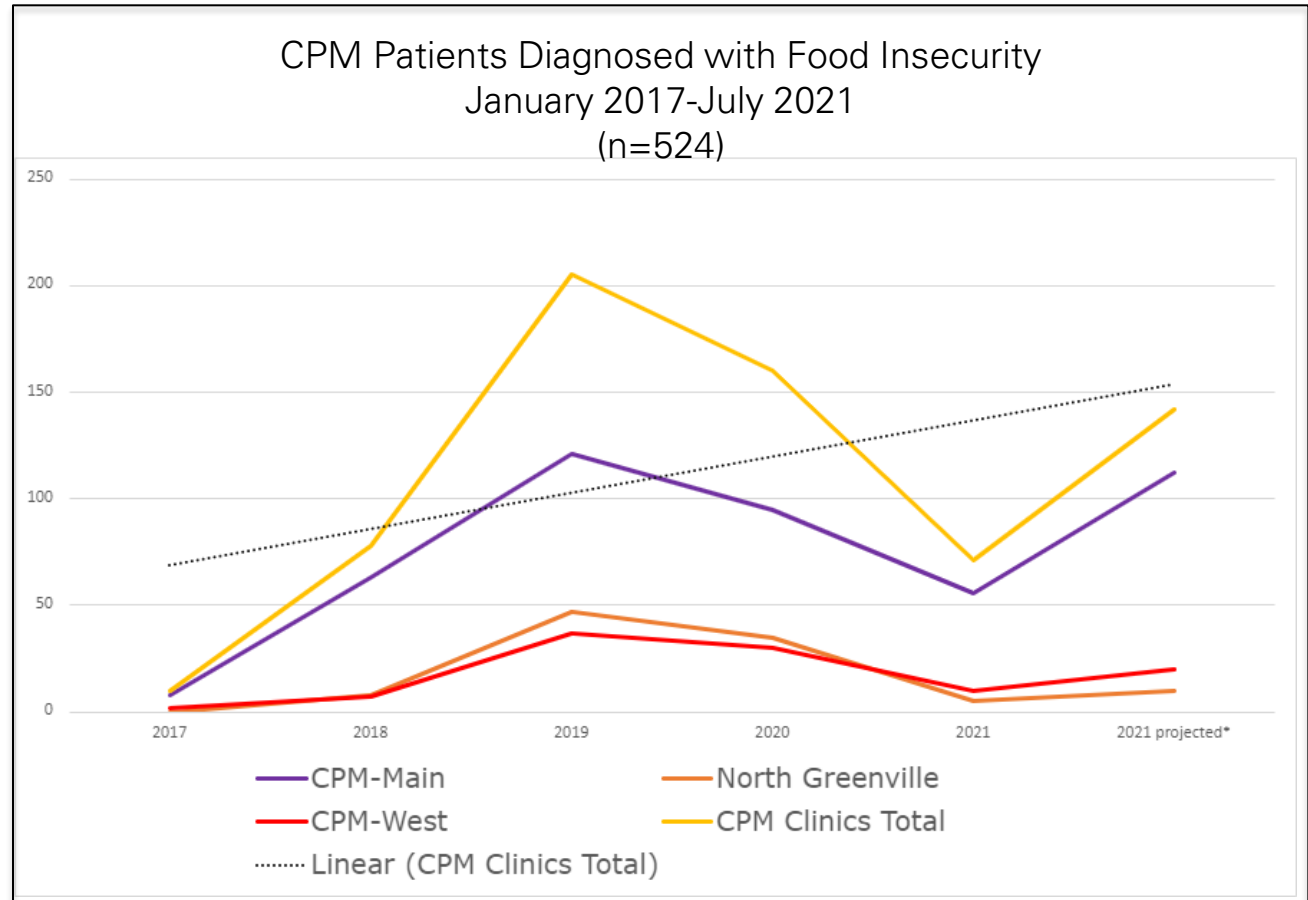
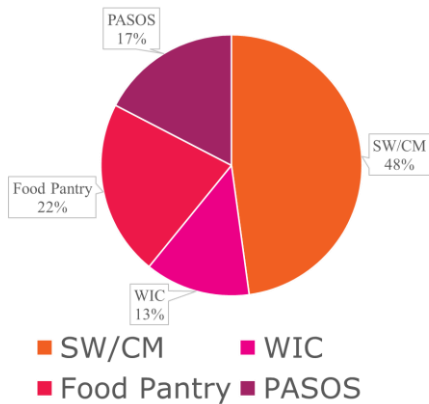
QI Project Results

- Proper ICD-10 coding increased by 25% post-intervention
- Referrals also increased by 20% post-intervention

Number of patient's identified with food insecurity by age (n=19)



Referrals made for patients with food insecurity (n=23)



QI Project Conclusions

- Similar or slightly decreased food insecurity compared to previous years
 - Prediction of worsening food insecurity by Feeding America due to COVID-19 Pandemic
 - True decrease in food insecurity vs decrease in identification of food insecure patients vs patients benefitting from SNAP expansion during pandemic and community assistance
 - Expanding screening to adolescents?
- Aggressively addressing the 1-5 year old patients with WIC Re-enrollment
- Follow up with patients with food insecurity to identify resources that are most helpful

Focus on WIC Re-Enrollment

- Only 39% of families that qualify for WIC, nationwide, receive those services.
- All foster children qualify
- All children with Medicaid qualify

Having to re-enroll at age 1 seems to be the primary barrier to WIC participation, based on conversations with CPM families

Action Items:

1. "Reminder to re-apply for WIC" added to 9 m/o WCC template
2. Epic dot phrases created with WIC information
3. "Fast pass" for NICU grads and late preterm infants created. Medical referrals emailed to WIC. If emergent, marked as "high priority"
4. WIC plans to return to in-person at CPM this month after pandemic
5. Working on getting Epic read-only access for WIC staff

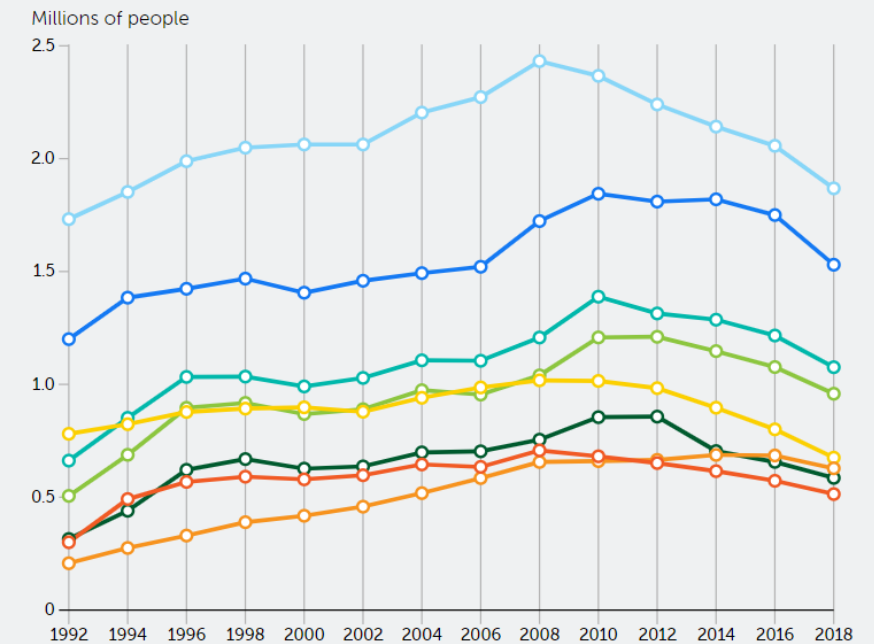
2021 Advocacy Project:
Laura Beth Blasko MD & Natalie Bikulege MD

WIC PARTICIPATION, 1992–2018

SHOW PARTICIPANTS
BY CATEGORY

SHOW PARTICIPANTS
BY RACE/ETHNICITY

Hover over the lines to see the number of participants for each year



Infants 1-year-old children 2-year-old children 3-year-old children 4-year-old children

All children Pregnant women Breastfeeding women Postpartum women All participants

Coming Soon! Upstate Food Resource Navigators

- Furman University Masters of Community Engagement Students will help contact families screening positive for FI at CPM for follow-up this academic year
- Kerry Sease and the Bradshaw Institute were just awarded a **3-year** Live Well Grant for **Food Resource Navigators** in Greenville County



Bradshaw Institute

