

KOHC December Annual Meeting

Friday, December 12th, 2025

Kentucky Oral Health Coalition



For a lifetime of oral health

To learn more about KOHC and
become a member, please
visit www.kyoralhealthcoalition.org



Kentucky Oral Health
Coalition



@KYOralHealth

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Meeting Agenda

- Welcome and Introductions
- Expert Panel Discussion - The Changing Health Landscape and What it Means for Oral Health
- Local Spotlight - Norton Pediatrics Prevention and Wellness Oral Health Initiatives
- Lunch
- Building the Dental Workforce - Updates from Dental Education Programs Across the State
- State Oral Health Plan - Updates and Next Steps
- Help Shape Future Data Project - Developing an Oral Health Vulnerability Index for Kentucky
- KOHC Policy Agenda
- Member Voting
- Closing



Expert Panel Discussion - The Changing Health Landscape and What it Means for Oral Health

- Matt Steele, Director of State and Local Advocacy, CareQuest Institute for Oral Health
- Dr. Steve Robertson, Executive Director, Kentucky Dental Association
- Jennifer Harrison, PHRDH, Representative from Kentucky Dental Hygiene Association

Prevention worth smiling about



Angelina Garman, RDH



Thank you...

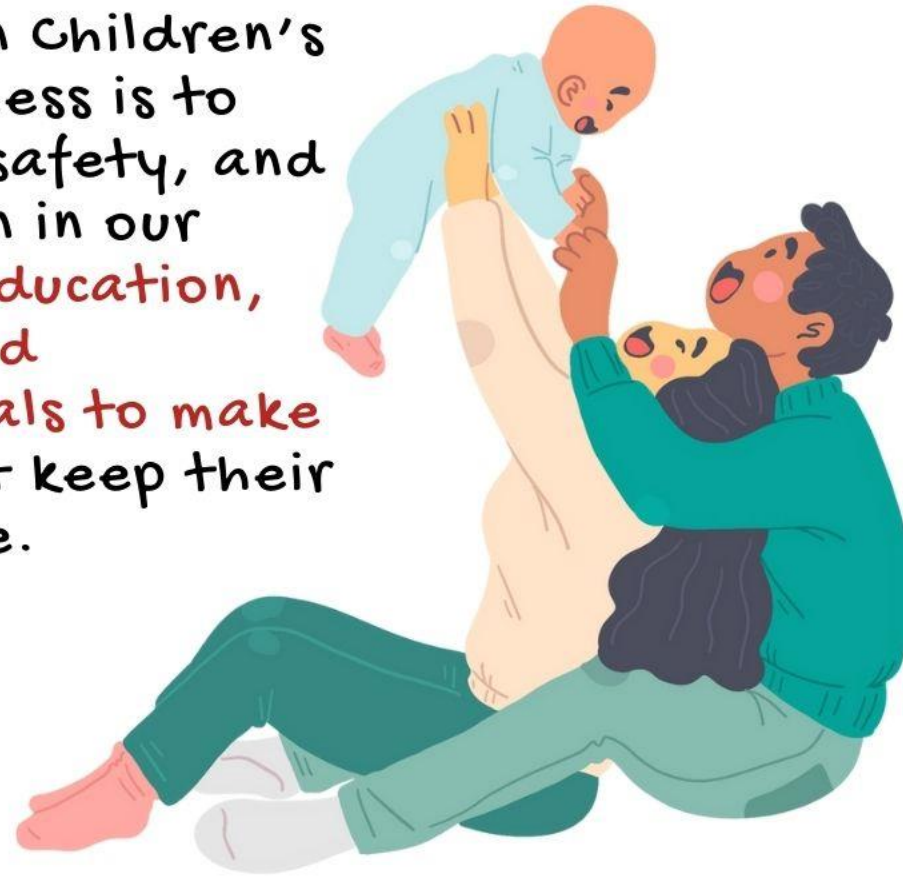


NORTON
Children's
Hospital Foundation



The Norton Children's Hospital Foundation is the philanthropic arm for Norton Children's pediatric facilities and services. The foundation raises funds exclusively for Norton Children's hospital, Kentucky's only full-service, free-standing hospital created "Just for Kids"; Norton Children's Medical Center; and pediatric services at Norton Women's & Children's hospital to support programs, equipment, new technologies, clinical research, child advocacy and health education for patients, families, medical staff and the community.

Our mission at Norton Children's Prevention and Wellness is to improve the health, safety, and well-being of children in our community through **education, early intervention and empowering individuals to make informed choices** that keep their kids healthy and safe.





NORTON Children's Prevention & Wellness

Injury prevention

- passenger seat safety
- Childproofing the home
- Pedestrian safety
- Road safety
- Sports safety
- Teen driving
- Medical emergency care
- Bicycle safety
- Safe sleep
- Child abuse prevention
- poison prevention
- Fire prevention
- Choking prevention
- Drowning prevention
- Firearm safety
- ETC

&

Wellness

- Nutrition
- Physical activity
- Oral health
- Tobacco prevention
- Asthma
- Mental health
- Parenting
- ETC

Timeline of dental health programming at Norton Children's Prevention and Wellness

2018

Pilot of fluoride varnish and oral health prevention within primary care clinics
Foundation of dental referral programming created

2019

Fluoride varnish training for all pediatric primary care clinics
Dental referral programming piloted
Tobacco cessation programming introduced
APHA invitation

2020

Toothfairy programming begun
Dental referrals program discontinued
Dental health integrated into new areas of NCPW dept

2021, 2022

Review and reconstruction of department offerings
Dental health integrated into new areas of NCPW dept
Maternal health collaborations beginning

2023

Fluoride varnish re-introduced with major advocacy at primary care clinics
United for Smiles programming with Norton Doula and MOST programs kick-off
Creation of stand-alone community classes
NCM6 Autism Center collaborations

2024

Every Tooth Counts internal campaign
Toothfairy campaign
Integration into Building Healthy Superheroes

2025

Head to Toe release and award
Program planning for Wellness Wagons pilot
Norton healthcare media features

Presentation contents:

1 Primary care integration

- Fluoride varnish advocacy
- Dental referrals clinic
- materials and support
- Model for new programs
- Specialty clinics shoutout

2 Maternal Health

- United for Smiles pilot
- Toothfairy trolley

3 Creating education

- Toothfairy resources
- Social media
- Classes within dept
- Head to Toe

4 Dental community call to action

- Advocacy for prevention
- Suggestions for prevention

1 Primary care

84% of parents rely on their
pediatrician for oral health
advice according to the AAP.

Dental Health Tips for Your Patients

According to the American Academy of Pediatrics, 84% of parents rely on their pediatrician for oral health advice for their children.

It's a fact: Cavities cause pain, early tooth loss and, when left untreated, can lead to severe infections in the mouth and throughout the body. Following the "2s of dental health" can help prevent cavities and promote a healthy mouth.



The **2s** of dental health



Brush your teeth **2** times a day for **2** minutes.

Visit the dentist **2** times a year by age 2.



Apply fluoride varnish **2** times a year at the pediatrician's office.

Share these easy-to-remember tips with your patients and their parents!



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Fluoride varnish



Fluoride varnish advocacy

- Began piloting at 3 clinics in 2018
- 2025: 30+ clinics integrated with on-demand support
- Annual prevention meetings with clinics
- Dental health month celebrations
- Highest success at resident-host clinics

Current barriers:

- Access to quality products
- **Provider only application for reimbursement**
- Lack of dental referral system in place



4,000
children left
with sticky
teeth in 2024!

Dental referrals

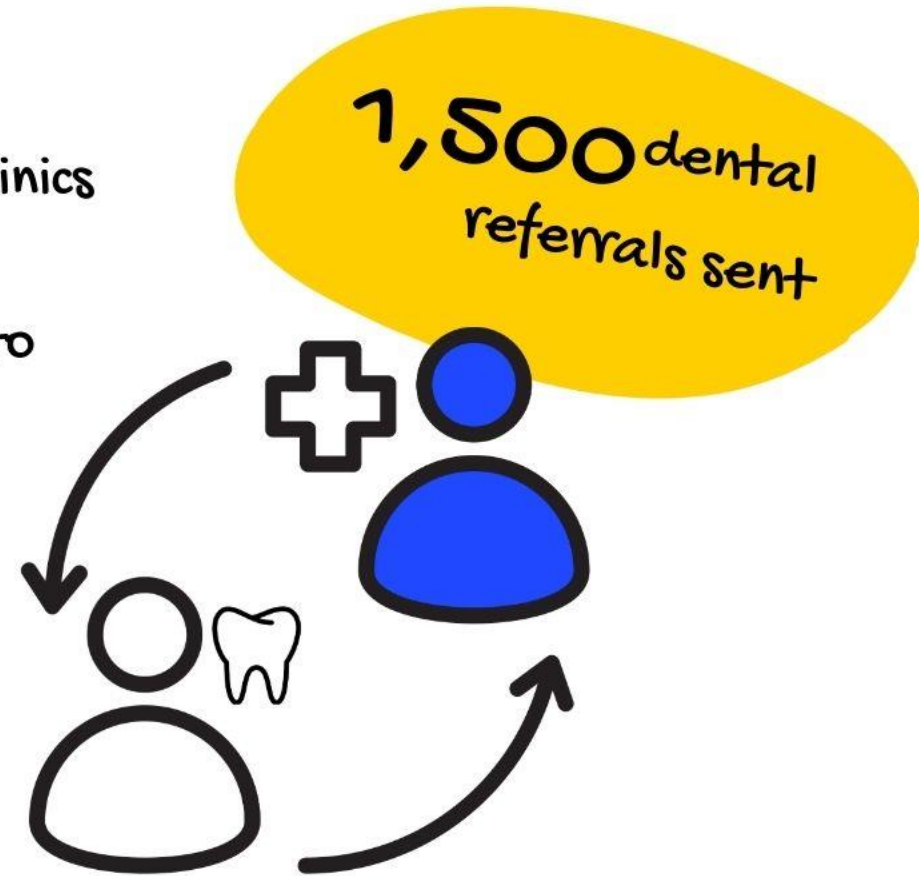


Dental home referrals pilot

- Pilot of 10 PCP clinics referring to 25 DMD clinics
- Referrals were given for children ages 0-5
- Integration and training of online portal into all PCP and DMD clinics given by NCPW

Pilot discontinued Q1 2020

- Nextsteps would have included:
 - Adding more dental partners
 - Piloting bi-directional referrals
 - Finding a simple way to track referrals to completion



Referral process followed:

- 1 PCP asks if patient has a dental home and/or has been in for a preventative check-up in the last 6 months
- 2 If a referral was needed, staff could click a button in patient chart that would log them straight into the online referral system
- 3 Staff would do a zip code search for the closest clinic to the patient home address
- 4 Basic demographics of the patient auto-populated within the referral. Included was a note section for dental concerns or medical conditions for the dental team to review
- 5 Dental clinics received email notifications. To close out the referral they must have tried to contact the patient first with a note of appointment date/left message/no answer/etc

Overall review

Pilot successes

1. High motivation from pediatricians to utilize
2. Importance of dental health fully integrated into wellness exams

Pediatricians and staff **STILL** ask if we are bringing back dental referrals... and one day I hope to say yes!

Barriers found

1. Incoming referrals to individual DMD clinics were higher volume than schedules could handle
2. Unable to track full referral to completion on our side

Bi-directional referrals future?

1 There is a higher success rate in appointment completions with "hand-off" referrals throughout all of healthcare

3 Caregivers rely on pediatricians for bodily advice, including oral health (84% of parents according to the AAP)

2 Medical conditions matter to the dentist, and oral health conditions matter to the pediatrician. Communication between providers matter

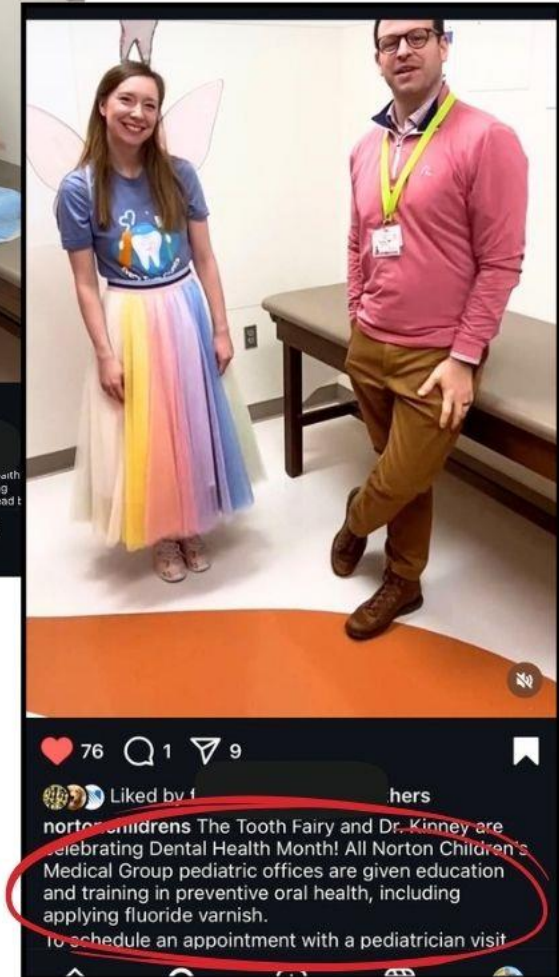
4 Dentists see patients who have medical conditions that could use follow-up with primary care providers, or maybe do not have a primary care provider

Primary care clinics: Patient education



Patient education

- Education with featured caregiver tips given to clinic staff annually
- Dental activity pages and fliers
- Toothbrush packs for children ages 0-5
- Waiting room wall game*
- Toothfairy visits
- Toothfairy gifts
- Social media features



Dental health is an important part of your child's overall health!

Practice good dental hygiene for healthy teeth and gums.

Did you know?



Tooth decay is the most common chronic childhood disease.



Cavities are five times more common than asthma. Children with poor dental health are three times more likely to miss school.



Your children need to have their first dental checkup by age 1. Dental checkups will help keep them healthy and cavity-free!



Your children should brush their teeth every morning and night. Show them how to brush, then have them brush by themselves. Most children are able to properly brush by themselves around age 6 or 7.



For children up to age 3, use a smear of toothpaste the size of a grain of rice on their toothbrush. Children age 3 and older should use a pea-sized amount.



Soda and sugary juice drinks may taste good, but they are not good for you. Soda has no nutritional value and is high in sugar. Sugar from drinks sits on our teeth and causes decay — drinking water always is best!

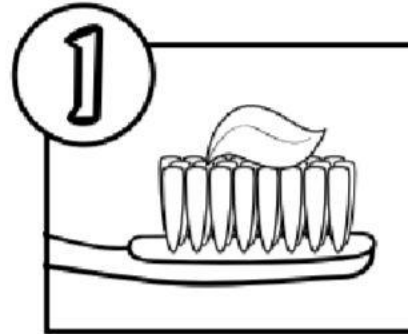


For more health and wellness tips, visit NortonChildrens.com.

For help finding a dentist, contact your Norton Children's pediatric provider.

HOW TO BRUSH YOUR TEETH

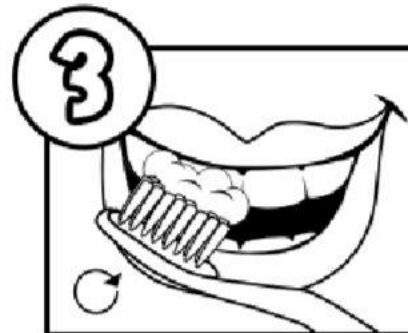
Make sure to use a soft toothbrush!



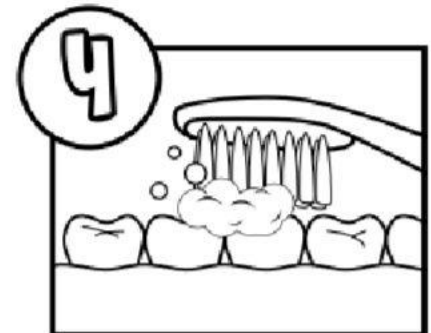
1
PUT SOME TOOTHPASTE ON YOUR TOOTHBRUSH.



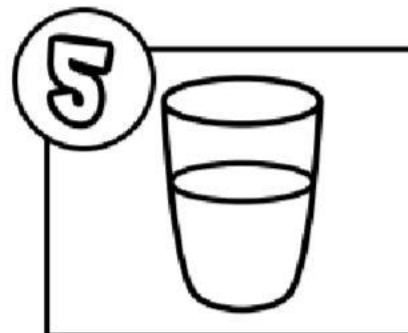
2
BRUSH YOUR FRONT TEETH.



3
MOVE THE TOOTHBRUSH IN A CIRCLE.



4
BRUSH YOUR BACK TEETH



5
RINSE YOUR MOUTH WITH WATER



6
FLOSS YOUR TEETH



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RETHINK Your Drinks

Choose healthy drinks for a bright smile and strong body

Sugar can hide from us in unlikely places. Take a look to see how much sugar is hiding in your favorite drinks. Be sure to choose healthy drinks to keep your body and teeth healthy!



For more information, visit NortonChildrens.com/Prevention-Wellness.



Visit the
Tooth Fairy
and Get a **Special Gift!**



At Norton Children's Prevention & Wellness, we know every tooth counts toward your child's health. That's why we partnered with the Tooth Fairy Team and your pediatrician to help us teach children and their families about keeping teeth healthy.

During your visit today, if you and your child watch one of the Tooth Fairy's videos and complete a short survey, your child can receive a special dental health gift.*



To learn how to keep your family's smiles healthy and bright, and to watch a Tooth Fairy video, scan the **QR code**.

To complete the survey, scan this **QR code**.



When you have finished, let the office staff know and they will have your child's gift ready at the end of your appointment.

**Gifts are available at participating offices while supplies last and limited only to children visiting the office.*



My Smile Brings Joy

This certifies that

(Child's name)

Will take care of their smile by:



Brushing their teeth for 2 minutes every morning and every night



Visiting the dentist twice a year for preventive checkups



Using kindness and their special smile to bring joy to others

Tooth Fairy signature



Date of attendance

Funded by Norton Children's Hospital Foundation

Leading the way for new programs

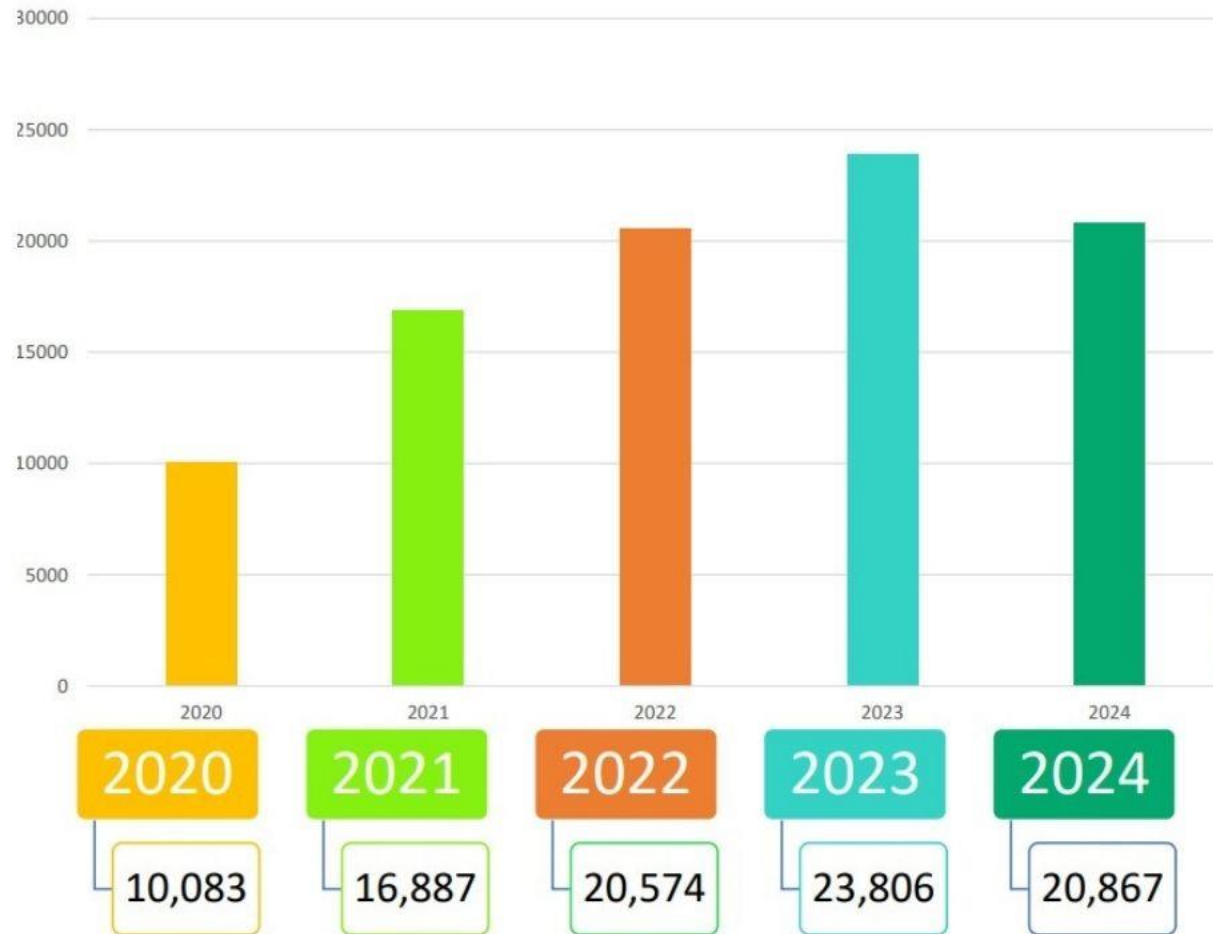
Dental health programming solidified daily inter-department collaborations from our prevention and wellness team to the pediatrician in the primary care exam room.

Dental health integration was key and became a paramount model for swift prescriptive food pantry installations during COVID19 pandemic.



Food pantries- quick review

Norton Children's Food Pantries
Annual comparison chart of individuals served



From 2020 to 2023 toothbrush packs were an additional resource at food pantry sites for all members of the family. This included Norton Children's Hospital, ED.

2025: 24 clinics, 3 hospitals

Progress in prevention began with oral health

2018: Oral health integration within PCP clinics



2020: Norton Children's Food Pantries



2023: Norton Children's Safety Pantries



2026: Norton Children's wellness wagons pilot*

Specialty clinic collaborations:

NCM6 Autism Center

Collaboration began with installation of food pantry at location

- Fruit then Floss: summer camp program
- **Healthy Living Wellness Group, class series**
 - Integration of oral health within curriculum
 - Caregiver one-on-ones
- Electric toothbrush kits available for therapists
- Social media with therapy dog "Echo"

NCM6 Pulmonology

NCM6 Gastroenterology

- Patient toothbrush kits and board books
- Working towards social media educational collaborations



2 Maternal health

Norton Doula: United for Smiles pilot

All patients entering the Norton Doula program 2023 were given dental health gifts AND screened for immediate dental care needs

Patients needing care were entered into

United for Smiles

which linked mothers to a dentist AND offered financial assistance for those in need



United for Smiles: entry details

- United for Smiles had 10 open slots at a time for patient financial assistance
- United for Smiles would cover dental treatment charges after insurance was charged (if applicable)
- 2 no show appointments at dental clinic would discontinue program slot

Thank you Shawnee
Christian Health Center-
Dental Clinic for being our
pilot partner!

United for Smiles: process

- 1 Patients needing dental care and agreed to a referral were entered into "United for Smiles"
- 2 An internal referral for entry was sent from doula to NCPW
- 3 NCPW then worked with collaborating dental team to give patient demographics and confirm their entry into United for Smiles
- 4 **NCPW and dental clinic went over patient list monthly**
 - NCPW sent appointment dates and dental treatment given back to doula team/OB
 - Any unpaid charges on participant accounts were paid at this time

- * Doulas would call dental clinic directly to schedule care if patient was in severe pain
- * MOST (Maternal Opiate Substance Treatment) program participants were integrated into the United for Smiles program about halfway through pilot season*

United for Smiles: Dental referral details

1. NCPW would contact dental clinic directly to give referral

- Patient demographics would be entered into new patient chart at dental clinic
- Reason for referral given to include symptoms of oral pain if applicable

2. Dental clinic would then contact patient

- "Your Norton Doula referred you here under the United for Smiles program..."

3. Any appointments made, treatment given, and costs accumulated were communicated each month to NCPW from dental clinic

4. Same information was then translated into chart of patient by NCPW for doula and OB team to review

- Doulas would check in on nutrition upkeep after extractions
- Doulas would remind patients of upcoming appointments

United for Smiles: results

62 mothers entered into United for Smiles

10 followed through with dental care

26 total dental visits

\$9,662.34 total charges

\$85 left after insurance



16%

of patients referred made it into the dental chair

Long-term win!

The Norton Doula team continues to screen for immediate dental care needs and has oral health education included in patient welcome packs

Toothfairy Trolley Tour

Gifts and education given in-room by the tooth fairy!

1. Norton Children's Hospital
 - a. Full hospital (where able)
2. Norton Clark Hospital
 - a. Mother baby unit
3. Norton Women and Children's Hospital
 - a. Mother baby unit
4. NOVAK center
 - a. Specialty clinic visits
 - b. Tooth Booth events



3 Creating education

An illustration of a blue toothbrush with white bristles and a white tooth. The toothbrush is positioned vertically on the left side of the image, with the tooth at the top. The background is a soft gradient of pink and purple.

Find Magic in Your Smile

Thank you
Louisville Zoo!

Thank you Dr. Brown
and Mortenson
Family Dental!

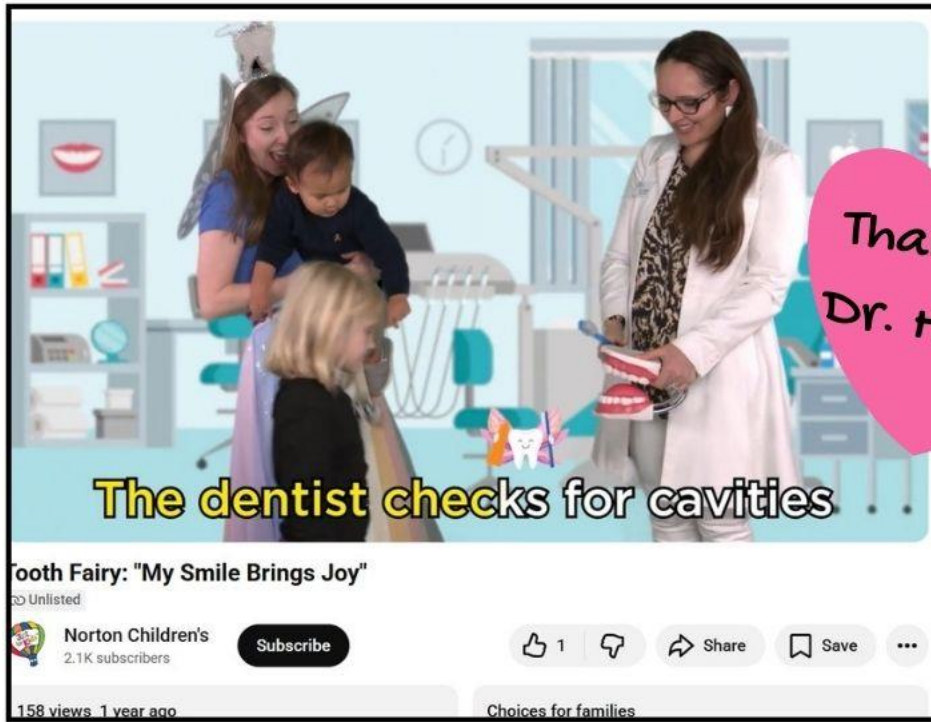


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Thank you
Louisville Water
Company!

And you'll be less likely



The dentist checks for cavities

Thank you
Dr. Haska!

Tooth Fairy: "My Smile Brings Joy"

Unlisted



Norton Children's
2.1K subscribers

Subscribe

1



Share

Save



158 views 1 year ago

Choices for families



My Smile Brings Joy

To the tune of "Mary Had a Little Lamb"

I brush my teeth when I wake.
Twice a day, every day.
Before bed I brush my teeth.
I take care of my smile.

The dentist checks for cavities,
And gives tips for brushing my teeth.
Count 32 or A through T.
Every tooth counts in my smile.

When I'm a baby with eight teeth,
I need you to take care of me.
Brush my teeth please twice a day.
Will you take care of my smile?

I brush my teeth you'll hear me say,
Twice a day, every day.
My smile brings joy to our world.
Let's take care of my smile.

And as my baby teeth fall out,
I'll still need help, don't
have a doubt.
Healthy habits take practicing,
We take care of my smile.

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Social media featuring oral health

parenting With You



Listen to the podcast that helps caregivers keep children healthy and safe by offering practical advice for children of all ages.

AVAILABLE ON APPLE PODCASTS, SPOTIFY, AND MORE!




Recent podcast topics:

- Heart disease in children
- The measles
- Mental health in children and adolescents

 NORTON Children's Prevention & Wellness



LITTLE TALKS WITH A DOC: AN ORIGINAL YOUTUBE SERIES


Quick, trusted tips from Norton Children's pediatric experts—designed to help parents navigate everyday health questions and feel more confident caring for their kids.




A few recent uploads:

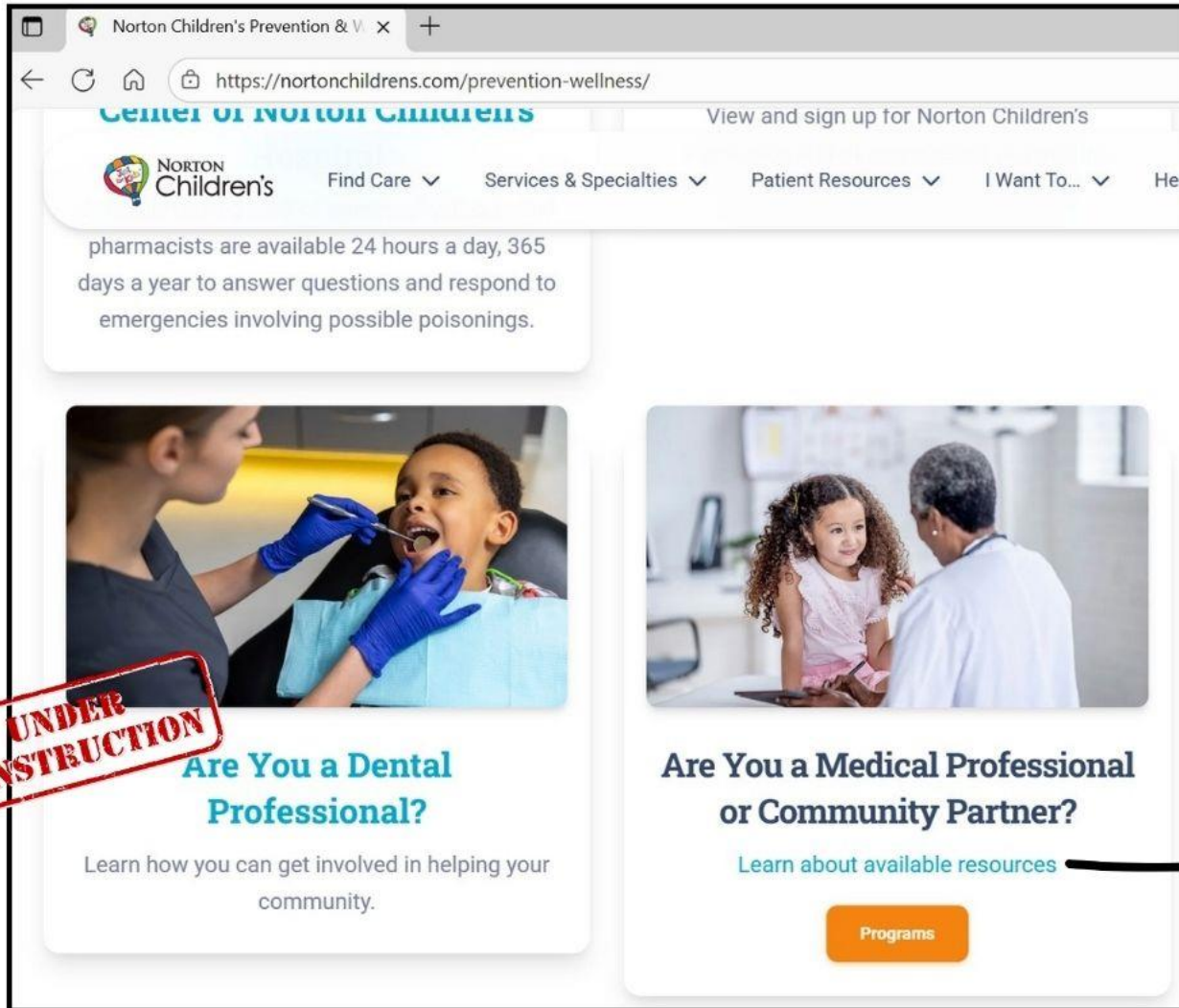
- How to make doctor visits stress-free for kids
- Prevent Distracted Driving
- Fever in kids: How to take their temperature
- What to do if you suspect a poisoning



 YouTube

 NORTON Children's Prevention & Wellness

Website wins



Classes featuring oral health

Happy Teeth and Healthy Treats

- Storytime style education
- Dental health, body connection, hydration
- Children ages 0-5 and caregivers

Dental Health 101

- Classroom education
- Dental health, body connection, dental treatment

N-O-T Not On Tobacco

- Virtual series for teenagers ready to quit
- Dental health gift for program completion

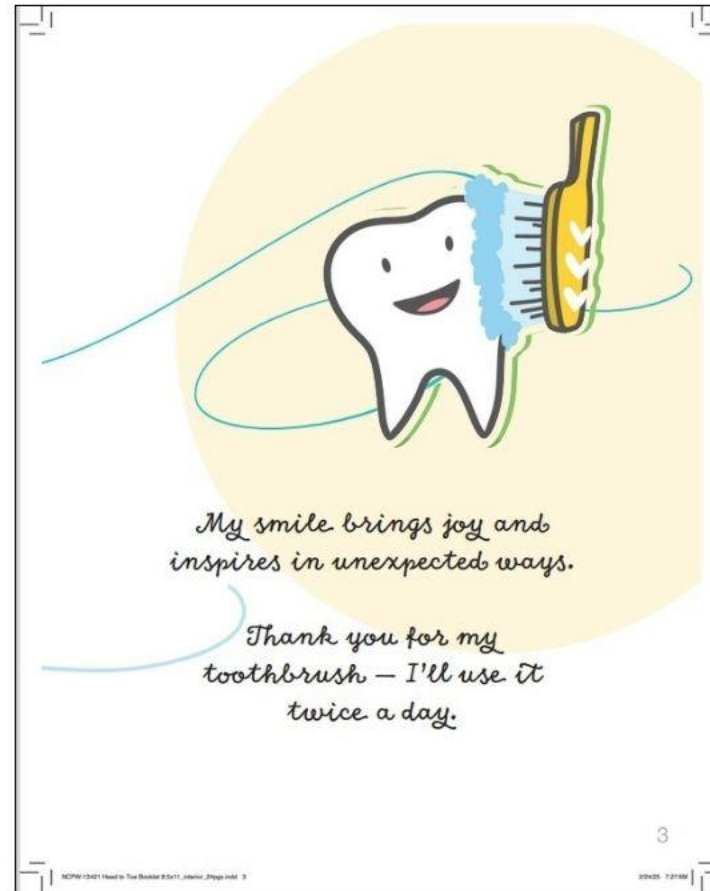
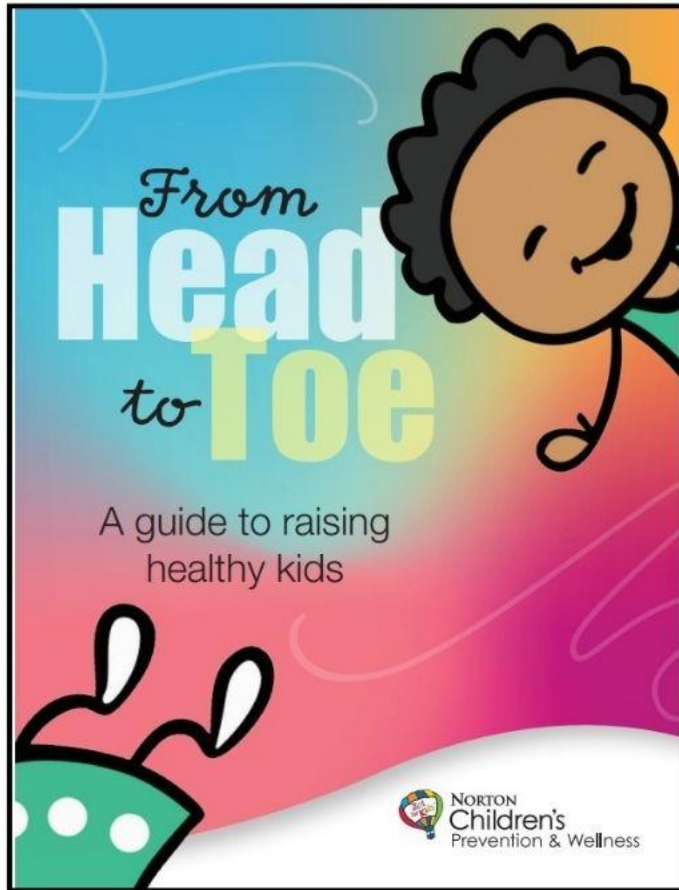
Building Healthy Superheroes

- Virtual field trip for kindergarteners
- Dental care included in "Wellness World"
- ***Over 6,000 kids served last year!**



Head to Toe Book

Inspired by the sing-along "My Smile Brings Joy"



Winner of the Public Relations Society of America 2025 Special Publications, Award of Excellence

4

Dental community
call to action

Dear dental community,

You are essential to community health.

You promote prevention daily.

You reach families with one-on-one connections.

Your goal is to see people healthy.

You have opportunities to bring change to the world around you, chairside.

Our industry is built on people wanting to smile without pain or embarrassment, which can be boiled down to a simple idea that people need to smile. I was drawn to Norton Children's Prevention and Wellness because smiles can't happen when there is so much tragedy happening in the daily life of our patients, and so much of it preventable.

Thank you for taking the time and mind-space to consider my ideas,

Angelina

Suggestions for prevention

1. "Refer" to us
2. Integrate medication safety
3. Offer free helmet fittings
4. Offer car seat checks
5. Prevention-based giveaways
6. Welcome baby bags
7. Prevent child abuse
8. ASK
9. Primary care referrals
10. Start a mini-pantry

↑ "Refer" to us

We offer free car seat checks!

If your clinic is within the Louisville area, advocate with patients to get their car seats checked with us! We'd love to help keep their children safe!



Find a car seat check flier every issue of our community newsletter!

Join our email list or visit [Nortonchildrens.com/provider-newsletter-and-resources/](https://nortonchildrens.com/provider-newsletter-and-resources/)

We offer free virtual classes!



Safe Baby

Safe Grandparents

Class covers:

- SUID
- Safe sleep practices
- Tummy time
- Choosing a carseat
- Car seat adjustments
- Childproofing
- Choosing a caregiver
- Child abuse prevention
- Fall prevention
- Poisoning prevention
- Fire prevention
- Drowning prevention

Safe Kids,

Safe Storage

Class covers:

- Safe medication storage
- Safe firearm storage
- Tips for talking to your child about guns
- How to ask other adults about firearm storage

We offer free in-person classes!

Rescue Ready Gives caregivers confidence in responding to urgent situations (ex: choking rescue)

Stop the Bleed Teaches how to treat uncontrolled bleeding until emergency care arrives

IMPACT: Teen Driver Teens learn how to be both a safe driver and passenger

N-O-T Not On Tobacco Voluntary cessation series for teens set up over 4 weeks

Dental Health 101 Ages 10+ learn basic dental anatomy, dental treatment, and preventive care

Happy Teeth, Healthy Treats Interactive story-time featuring dental health

Snack and Play Nutrition and an active lifestyle are combined in this interactive event for kids

Bike Rodeos Basics of helmet and bicycle safety are learned and then practiced

We offer new educational content each month!

- **Change out educational fliers** in each room monthly with our newsletters!
- Post on **social media** about prevention topics
- **"Ask me about..." signs**
- Print coloring pages for kids about prevention topics

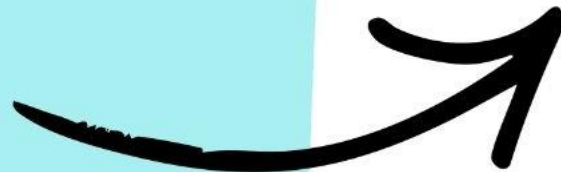
Past newsletter content:

2024

- Resources guide of NCPW Dental health tips and education
- **Medication safety including THC**
- Child abuse prevention Summer
- safety tips for the family ASK day, safe firearm storage Summer burn prevention Injury prevention toolkit
- **Kitchen safety tips** Halloween
- **safety holiday shopping recommendations** Safety care-a-
- van report
-

2025

- New years resolutions
- Dental health - toothfairy resources
- Safe storage and poison prevention
- Child abuse prevention
- NCPW new class spotlights
- ASK day and firearm safety
- **Visiting the PCP, anxiety tips**
- Program features
- NCPW social media resources
- **Halloween safety, drug take back**
- **Premature awareness month**
- Safe driving



Join our email list or visit nortonchildrens.com/provider-newsletter-and-resources/

Our monthly newsletters feature:

English and Spanish translations for all educational content

Up-to-date content that matters for everyone in our community

WHEN IT IS TIME TO WALK AWAY, CHECK FIRST THAT BABY IS OKAY!

Sudden unexpected infant death (SUID) is when a baby who appears healthy passes away unexpectedly. Those born before 37 weeks known as premature babies are more vulnerable to SUID. To help protect all babies, follow safe-sleep practices every time you place an infant down and walk away. Try using the walk away test!

The Walk Away Test

1. Is the baby in their crib?
2. Is the baby the only thing in the crib?
3. Is the baby on their back?
4. Does the baby need a safe adult?



This baby IS NOT okay. The baby is not in a crib, not alone, and is on their side. *Blankets, pillows, and toys always need to be removed.



This baby IS okay! They are alone in their crib and are laying on their back.





¡CUANDO LLEGUE EL MOMENTO DE ALEJARSE, VERIFIQUE PRIMERO QUE EL BEBÉ ESTÉ BIEN!

La muerte súbita e inesperada del lactante (SUID) ocurre cuando un bebé aparentemente sano fallece inesperadamente. Los bebés prematuros que nacen antes de las 37 semanas son más vulnerables a la SUID. Para proteger a todos los bebés, siga las prácticas de sueño seguro cada vez que acueste a un bebé y se aleje. ¡Intente usar la prueba de alejarse!

Antes de que te vayas...

1. ¿Está el bebé en su cuna?
2. ¿El bebé es lo único que hay en la cuna?
3. ¿El bebé está boca arriba?
4. ¿El bebé necesita un adulto seguro?




Este bebé NO está bien. El bebé no está en una cuna, no está solo y está de lado. *Las mantas, almohadas y juguetes siempre deben retirarse.



¡Este bebé está bien! Están solos en su cuna y están acostados boca arriba.




Be Sure You're Buying an Approved Car Seat



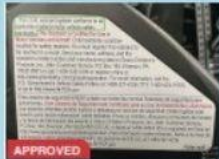
Some car seats that do not meet the Federal Motor Vehicle Safety Standards are being sold on the internet and in secondhand or thrift stores. Be aware they could have major safety issues and may not be able to protect your child in a crash.

Here's how to tell if you have an approved car seat

LABELS

APPROVED
The label must say "This child restraint system conforms to all applicable federal motor vehicle safety standards."

UNAPPROVED
Label has very little information or only a diagram.




APPROVED


HARNESSES

APPROVED
Five-point harness


UNAPPROVED
Harness with fewer than five points
No chest clip
No hip strap



APPROVED




UNAPPROVED



Tips when buying


- Best to buy a car seat from a reputable source, such as directly from the car seat manufacturer or in person at a major retailer.
- If you wish to buy a car seat secondhand from an online seller, be sure you understand the risks. You are not able to verify the history or authenticity of the car seat.

Images used with permission from CarSeatBlog.com ©CarSeatBlog.com



To learn more about approved car seats, scan the QR code.

To schedule an appointment for a car seat check, call (502) 629-7358.



Funded by Norton Children's Hospital Foundation

2 Integrate medication safety

Teach your patients at home to...

1. Keep all medications up and out of sight
2. Put medications away after every dose, even if another dose is due in a few hours. You can set a timer on your phone instead
3. Keep visitors purses, bags, and coats out of reach
4. Never refer to vitamins as 'candy'
5. Medication lock boxes are available
6. Make sure all caregivers are aware of safe medication storage



50% of medication poisonings under age 5 involved child-resistant packaging

Integrating medication safety

- 1 Give medication safety education WITH all prescriptions that are written
- 2 Give medication safety education WITH all OTC medications recommended
- 3 Post medication safety fliers
- 4 *Become a drug take back site and promote it!*
- 5 Sell medication lock boxes at the clinic



3 offer free helmet fittings

Offer for patients to bring their helmets in for free helmet fittings!

- ✓ Easy to promote
- ✓ Easy training for all staff
- ✓ Easy follow-through
- ✓ **Easy way to change a life**



Promotion example:

“Helmets are over 50% effective at preventing brain and facial injuries...but only if it fits correctly, and 1 in 4 don't. Bring your helmet to your next appointment with us to make sure it fits!

4 offer car seat checks

Please.

8 out of 10 car seats are used or installed
incorrectly.

Have a staff member become
car seat certified @ safekids.org

How to integrate car seat checks into a dental clinic?



Car seats need chest clips

These straps are too loose for a safe drive. Car seat straps need to be fit and secure.

- 1 When scheduling 6 month recall appointments, offer to add a car seat check
 - 2 Offer on-demand car seat checks for patients through the day as needed
 - 3 Create a promotional free car seat check when a child has their first dental visit at your clinic
- & Be willing to **bet on generosity making a difference in your clinic** because this will take resources

S Prevention-based giveaways

Offer a toothbrush pack or a **prevention giveaway**
(with education!) at the end of your dental cleanings

Suggestions with low bulk cost

- Reflective light for walking and biking
- Mini sunscreen
- Pot holder
- Measuring cups
- Mini first aid kit
- Water bottles
- "Pick a book" shelf
- Prevention themed coloring book



6 welcome baby bags

Welcome baby bags welcome opportunities to *educate a captive audience*

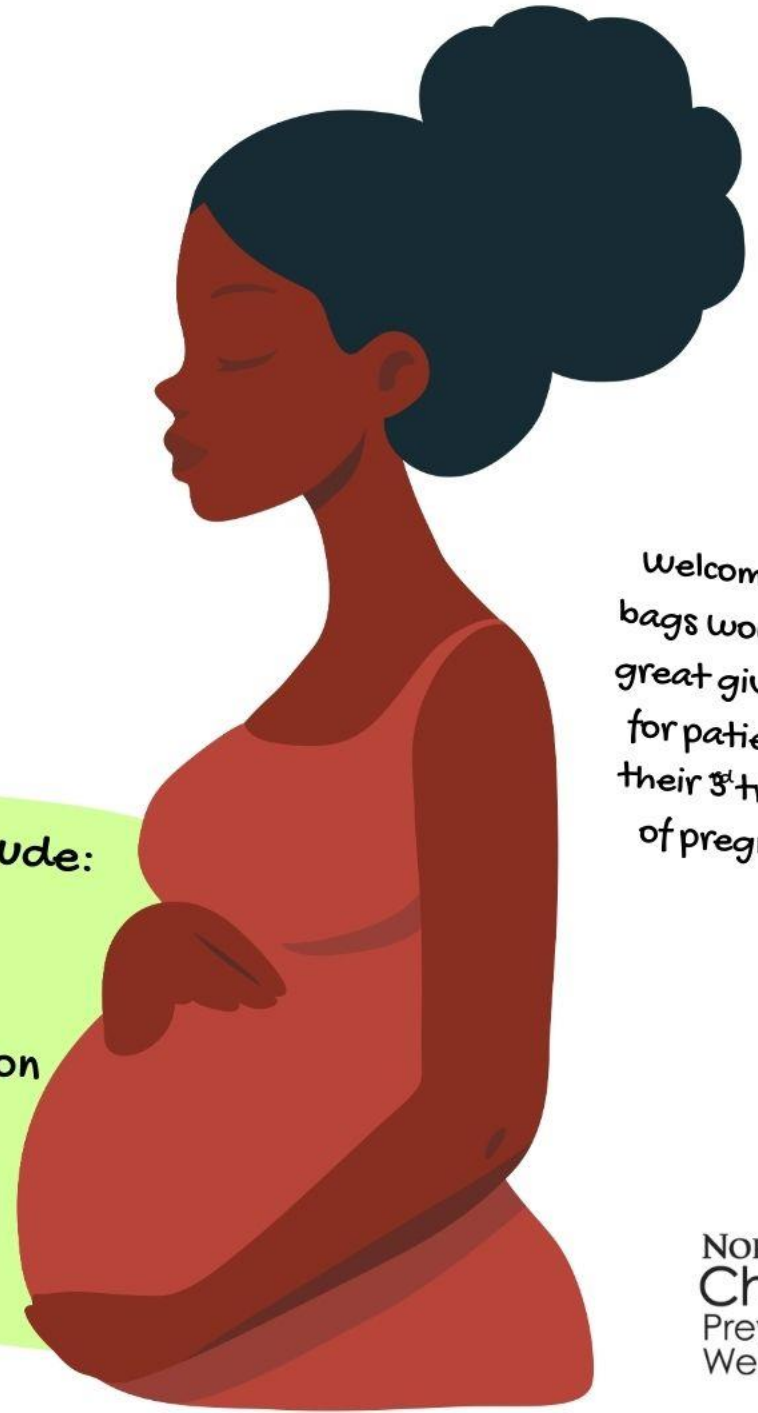
Examples of what to include:

- Baby toothbrush pack
- Travel toothbrush for the hospital
- Sleep sack
- No-scratch mittens
- Rectal thermometer
- Bulb syringe
- Outlet covers
- 1,000,000 educational fliers!!!

Education fliers to include:

- Safe sleep
- Car seat safety
- Child abuse prevention
- Choking prevention
- Childproofing

Welcome baby bags would be a great giveaway for patients in their 3rd trimester of pregnancy!



7 Prevent child abuse

Prevent child abuse by...

Go over child abuse signs and how to report with staff annually

Join the Pinwheels for Prevention campaign

Have a list of mental health resources posted

Post "No Hit Zone" signs in your clinic



Pinwheels
for **PREVENTION**[®]



Prevent Child Abuse
America

8 ASK

ASK is a campaign that promotes discussing firearm safety with patient caregivers, so they can get their own conversations going.

“How do you store your firearm?”

The American Academy of Pediatrics has a video series to help you feel more comfortable so you can make a difference in preventing firearm injuries or deaths.

www.aap.org/en/patient-care/gun-safety-and-injury-prevention/safe-storage-of-firearms/

9 Primary care referrals

Norton Children's Food Pantries

Clinic locations:

NCM6 Autism Center

NCM6 Bowling Green

NCM6 Broadway

NCM6 Clarksville

NCM6 Dixie

NCM6 Elizabethtown

NCM6 Fairdale

NCM6 Fern Creek

NCM6 Germantown

NCM6 Hikes Point

NCM6 Iroquois

NCM6 Jeffersonville

NCM6 NOVAK

NCM6 NULU

NCM6 Okolona

NCM6 Poplar Level Road

NCM6 Preston

NCM6 Russell

NCM6 Shelbyville

NCM6 Shepherdsville

NCM6 Springhurst

NCM6 Stonestreet

NCMA West Broadway

Norton Lou Primary Care



Hospital locations:

Norton Children's Hospital- ED Norton

West Louisville Hospital Norton Women's

and Children's Hospital

10 open a mini-pantry!

Current model for our pantries:

- 1 Patient given **food insecurity screener** (2 questions) when rooming
- 2 If positive for needing support, list of offerings is given
- 3 Items needed are marked by patient and gathered by staff
- 4 Hand-off at check-out

Top 3 learned lessons:

1. Two simple questions can provide a large scale picture of homelife
2. Staff become more motivated when they can see and make a tangible difference
3. Prevention items can be forgotten when life enters challenging periods for families

Food insecurity screener

1

Within the past 12 months, we worried whether our food would run out before we got money to buy more.

2

Within the past 12 months, the food we bought just didn't last and we didn't have money to get more.

Positive answers indicate:

1. There is a lack of money for all basic family needs to be met consistently
2. There is chronic stress in the home, especially for caregivers
3. This family is making difficult routine cuts to their basic needs (ex: buy food or medicine)

Norton Children's Food Pantry

Supported by Norton Children's Hospital Foundation and powered by Dare to Care

If you are having trouble getting food to feed your family, we can help. Our office has a food pantry. This service is completely anonymous and is not part of your child's medical record.

Date: _____ Check one: I want to participate I do not want to participate

Total number of people in your house (including yourself):

_____ Seniors ages 60 and older _____ Adults ages 18 to 59 _____ Children ages 6 to 17

_____ Children up to age 5 _____ Veterans

Select the items you would like to take home today. Due to demand, some items may not be available or may be substituted.	
Soup	<input type="checkbox"/> Chicken noodle <input type="checkbox"/> Chicken broth
Canned fruit	<input type="checkbox"/> Pears <input type="checkbox"/> Pineapple <input type="checkbox"/> Peaches <input type="checkbox"/> Applesauce <input type="checkbox"/> Mixed fruit
Protein	<input type="checkbox"/> Peanut butter <input type="checkbox"/> Canned tuna
Canned vegetables	<input type="checkbox"/> Peas <input type="checkbox"/> Green beans <input type="checkbox"/> Corn
Rice	<input type="checkbox"/> Brown rice
Pasta	<input type="checkbox"/> Whole-wheat penne <input type="checkbox"/> Whole-wheat spaghetti <input type="checkbox"/> Pasta sauce
Dairy	<input type="checkbox"/> 2% milk
Breakfast	<input type="checkbox"/> Corn flake cereal <input type="checkbox"/> Whole-grain oatmeal
Baby food (where available)	<input type="checkbox"/> Yes <input type="checkbox"/> No
Diapers (where available)	Diaper size: _____

To learn about services available through Norton Children's Prevention & Wellness or to register for a wellness or safety class, visit NortonChildrens.com/Prevention.



Safety Pantry Checklist

Our office is dedicated to helping keep your family injury-free and safe.

Mark the items and quantities your family needs.

Injury prevention resources	How this item keeps your family safe
_____ Playard	Baby sleeps safely
_____ Sleep sack	Baby sleeps safely
_____ B i c y c l e h e l m e t _____ Age of child	Child rides a bike safely
_____ Gun lock	Firearms are stored safely in the home
_____ C a r S e a t _____ Age of child	Child safely rides in a vehicle

Total number of people in your house (including yourself):

_____ Children up to age 2

_____ Children ages 3 to 5

_____ Children ages 6 to 10

_____ Children ages 11 to 17

_____ Adults

Norton Children's Prevention & Wellness works to support children and their families to be healthy and injury-free. To learn more about our services and community classes, visit NortonChildrens.com/Prevention or scan the QR code.



Funded by Norton Children's Hospital Foundation



Your dental patient pantry could be ...

Option #1: Free for patients who screen as needing support

Option #2: Discounted cost for patients to purchase

EXAMPLE IN ACTION: HELMETS

Option #1

If a family screens positive for support they can request a free helmet and fitting

Option #2

Sell helmets at front desk for discount and fitting



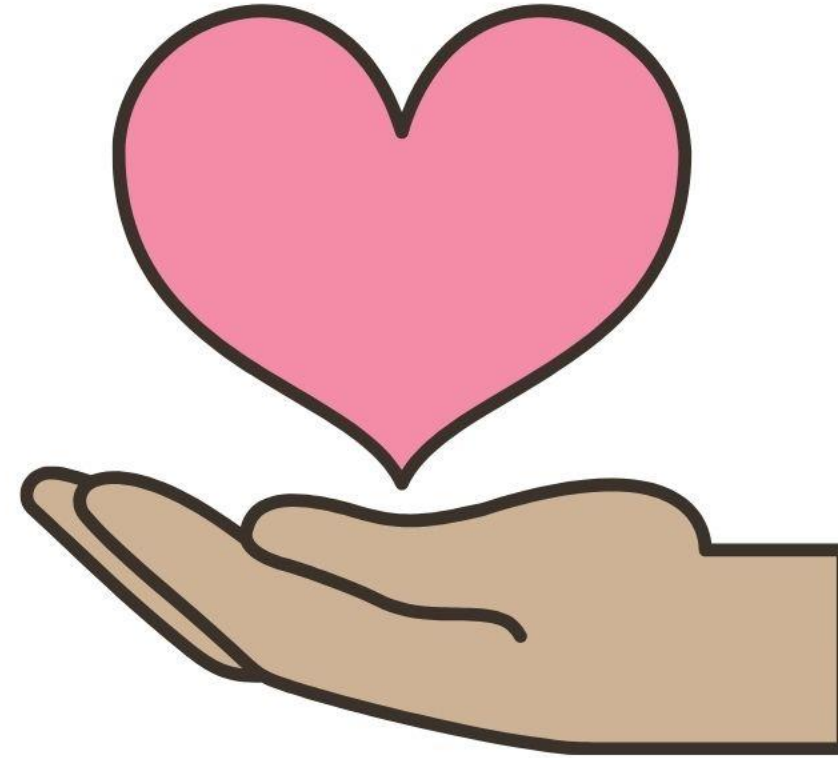
Patient pantry full suggestions list:

Easy-ish to store items:

- Pre-packed food pantry bags
- Diapers and wipes
- Formula samples
- Body hygiene products
- Thermometers
- Sleep sacks
- Bicycle helmets
- Gun locks
- Medication lock boxes
- Smoke detectors
- First aid kits
- Life jackets
- Bulb syringes
- Nutritional drinks while not chewing for oral pain
-

Hard to find storage items
but worth having on hand
when you know someone
leaving your clinic doesn't:

- Portable cribs
- Convertible car seats*
If you have someone car seat certified to install it!



Safety items need education to go alongside them.



In 2024 NCPW gave over 100 portable cribs out through pediatric primary care clinics alone.



Families who needed a place for their baby to sleep were given the crib WITH safe sleep education.



A portable crib will not stop SUID if the caregiver doesn't know how to keep the baby safe inside it.



Contact information:

Angie.garman@nortonhealthcare.org

Lunch



BUILDING THE DENTAL WORKFORCE



History

Origin traced back to 1887
although adopted
affiliation with University
of Louisville in 1918

--DDS until 1939

--DMD since 1939-present

--Hygiene in 1952
(certificate only until 2006,
then bachelor's degree
offered)



History

--Current building in 1970

--Clinics renovated late 2011, likely more updates in 2029

--Health Sciences Simulation Center and Collaboration Hub planned for 2029 (will house School of Public Health and labs for Medicine, Nursing, and Dentistry)



The background is a deep red color with abstract, flowing, and wavy lines that create a sense of movement and depth. The lines are lighter in some areas and darker in others, giving the overall appearance of a dynamic, liquid-like texture.

ACCREDITED PROGRAMS

DOCTOR OF DENTAL MEDICINE (DMD)

- Prepares students to meet the requirements for state licensure
- 120 students per class
- Four-year program including didactic, preclinical and clinical activities
- Dual-degree options: DMD/MS in Oral Biology, DMD/MBA



ADVANCED EDUCATION PROGRAMS

- Oral and Maxillofacial Surgery Residency (combines OMFS residency with a medical degree and the training needed for medical licensure)
- General Practice Residency
- Certificate programs leading to dental specialty and a Master of Science in Dentistry degree:
 - Endodontics
 - Orthodontics
 - Pediatric Dentistry
 - Periodontics
 - Prosthodontics



MASTER OF SCIENCE IN ORAL BIOLOGY

- Two-year program including didactic and research activities
- Can be completed concurrent with another ULSD program or separately; student body is post-graduate dentists, dental students and science graduates

BACHELOR OF SCIENCE IN DENTAL HYGIENE

- Prepares students to meet the requirements for state licensure
- 30 students per class
- Four-year program:
 - Lower division: general education and program prerequisites
 - Upper division: requires separate admission; two years clinical and didactic courses at the School of Dentistry

PATIENT CARE LOCATIONS

ULSD-OPERATED CLINICS

*Does not include partner sites, rotation sites,
and community service/outreach sites

- School of Dentistry:
 - Dental student clinic
 - Dental hygiene clinic
 - Resident clinics – periodontics, endodontics, prosthodontics, endodontics, pediatric dentistry
 - Faculty practice – general dentistry and specialty care
- Elsewhere on the HSC campus:
 - Resident clinics – oral surgery and GPR (Ambulatory Care Building)
 - Dental oncology (Brown Cancer Center)
- Off-site clinics:
 - Owensboro
 - Paducah
 - Shelbyville
 - Elizabethtown
 - Louisville – Home of the Innocents (East Market)
 - Louisville – Kosair for Kids Center (Eastern Parkway)
 - Louisville – Goodwill Charities Opportunity Center



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OUR APPROACH

HANDS-ON

- Curriculum progresses from didactic to preclinical to clinical, with faculty supporting students at each step
- Early involvement in patient care through clinic teams
- Students involved in research throughout their education



HIGH-TECH

- Technology as good as – and in some cases better than – what is currently in private practice
- Hub of research on new and emerging dental materials, technology, and methodology



COMMUNITY-FOCUSED

- Service built into the curriculum, with an emphasis on underserved populations
- ULSD-operated clinical sites in Louisville, Paducah, Shelbyville
- Rotation sites statewide
- Outreach agreements with organizations such as JCPS, RAM, and Delta Dental Foundation





THE RESULT



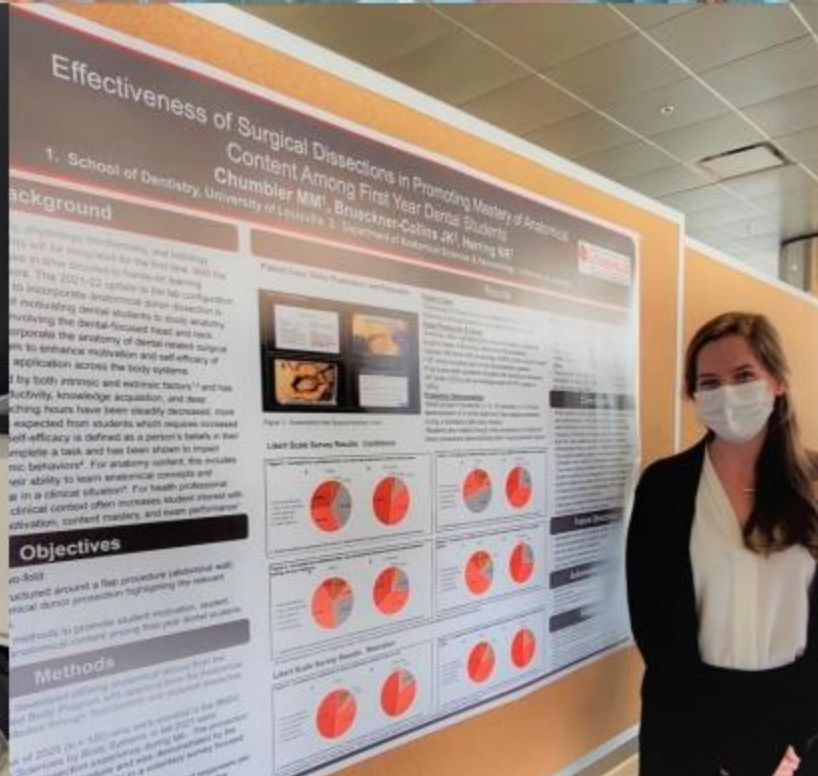
TRAINING THE NEXT GENERATION OF ORAL HEALTH LEADERS

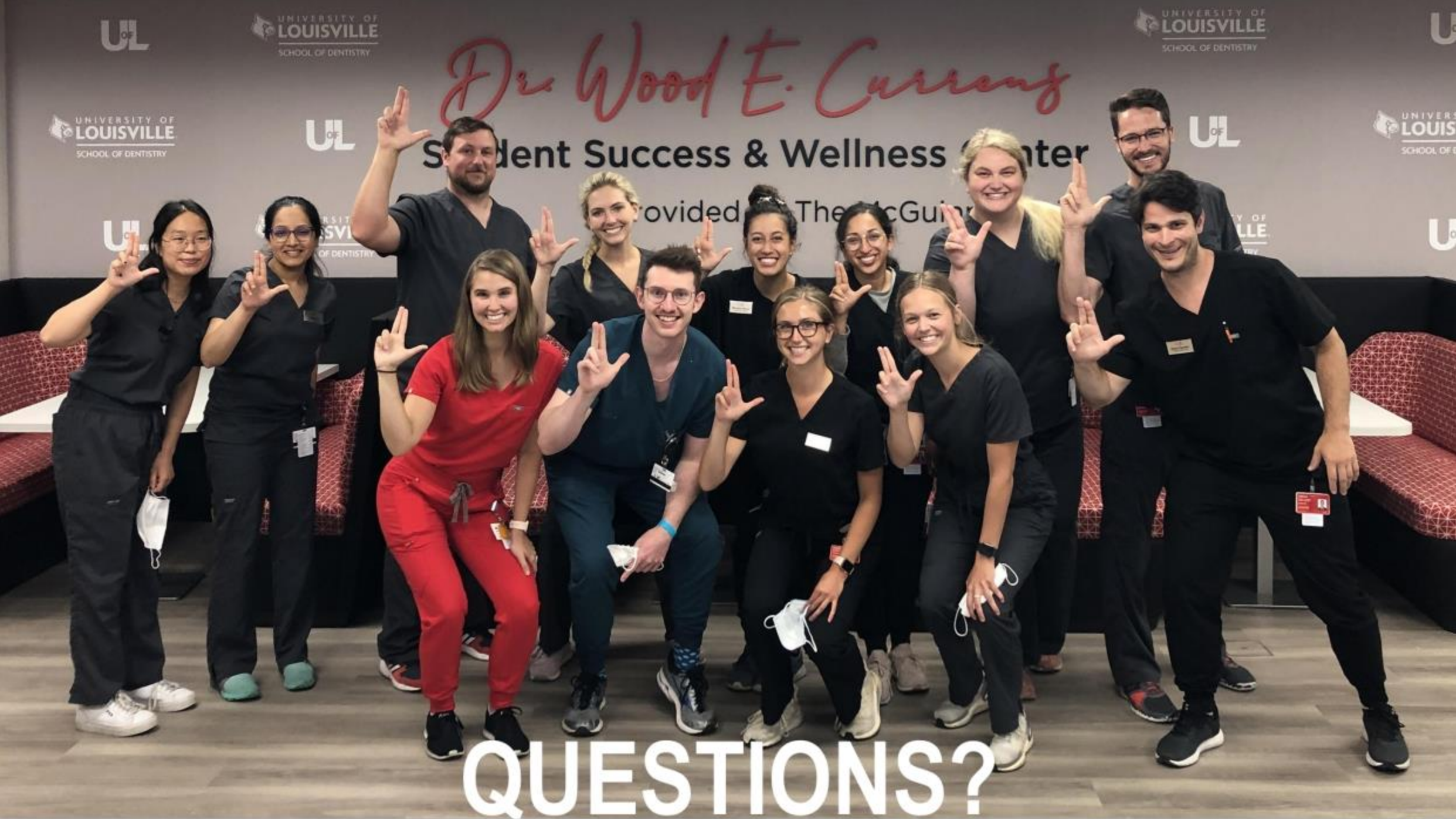
- **Trained to deliver evidence-based, patient-centered care that addresses all aspects of oral health including behavioral and cultural factors**



HIGHLY REGARDED IN KENTUCKY & BEYOND

- #13 dental school in the U.S. for NIH research funding
- Among the top 100 dental schools in the world on the ShanghaiRanking Global Ranking of Academic Subjects for Dentistry & Oral Sciences



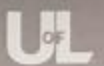


UNIVERSITY OF LOUISVILLE
SCHOOL OF DENTISTRY

UNIVERSITY OF LOUISVILLE
SCHOOL OF DENTISTRY



UNIVERSITY OF LOUISVILLE
SCHOOL OF DENTISTRY



UNIVERSITY OF LOUISVILLE
SCHOOL OF DENTISTRY

Dr. Wood E. Carrans

Student Success & Wellness Center

provided The McGuire

QUESTIONS?



MURRAY STATE UNIVERSITY DENTAL HYGIENE PROGRAM

SHANNA G BURRESS DMD

DENTAL HYGIENE PROGRAM CHAIR



Background info-Dr. Burress


- Originally from Murray, Kentucky
- First-generation college student
- Certified Dental Assistant for 2 years
- Registered Dental Hygienist for almost 10 years
- 2007 Graduate of UKCD
- In addition to private practice, I have worked in Health Departments, FQHCs and provided services through mobile dentistry in schools, nursing homes, and correctional facilities.
- New to the world of Academia



Dental Hygiene Development Team




- Those who played a pivotal role in starting the program:
- Dr. Dina Byers-Dean School of Nursing and Health Professions (SONHP)
Over 20 years experience in higher education, has served as the academic dean for over eight nationally accredited healthcare programs and has overseen the accreditation of several of these programs
- Dr. Kemaly Parr-Department Chair Adolescent, Career and Special Education
Former Dental Hygienist and Dental Hygiene Instructor
- Dr. Randy Taylor-Dentist practicing in Murray, Kentucky
Allowing the MSU Dental Hygiene Program to use one of his dental offices for clinical training
- Chris Wooldridge-Director of Center for Economic and Entrepreneurial Development



Background Info-MSU Dental Hygiene Program

- ❑ Discussions between MSU and local dentists began in 2018 regarding the need for a dental hygiene program
- ❑ At that time a survey was sent to local dentists
- ❑ Several dentists responded there was a need for a program in the region
- ❑ Dentists also expressed an interest in providing a practicum site and a willingness to be a supervising dentist for a new dental hygiene program
- ❑ Letters of support from Dr. Matthew Milliner, President of the KDA, and Dr. Brian Doss, President of the Purchase Dental Society were sent to Dr. Robert Jackson, President of Murray State University

- 
- The MSU Board of Regents approved an Associate of Science in Dental Hygiene as a New Academic Degree Program in 2024
 - Also in 2024 MSU received a \$1 million grant from the USDA Health Services to provide initial assistance for the Dental Hygiene Program
 - In 2025, the program received approval from the Southern Association of Colleges and Schools Commission on Colleges (SACSCOC) as well as the Council on Postsecondary Education (CPE)
 - I was hired June 1, 2025 for the position of Dental Hygiene Program Chair
 - August 26, 2025 MSU submitted the dental hygiene program application to the Commission on Dental Accreditation (CODA)



Anticipated program start date and recruitment of students

- Our goal is to accept our first cohort Fall 2026
- We must receive Initial Accreditation from CODA before accepting students for admission
- Once Initial Accreditation is received, we will open the portal to accept applications
- We have an Office of Recruitment at MSU
- The Purchase Area Health Education Center (AHEC) is promoting our program
- I have attended several Career Fairs and given presentations to local middle and high school students
- We anticipate a highly competitive applicant pool just from the potential applicants who have reached out to me



Dental Hygiene Program Hiring Plan


- Clinical Coordinator-Target Hire Date Spring 2026
- Full-time DH Didactic Faculty-Target Hire Date Fall 2027
- Part-time Adjunct DH Faculty and Adjunct Dentist-Target Hire Date Fall 2027


Facilities: New School of Nursing and Health Professions Building Model




Mason Hall



- 
- ❑ MSU School of Nursing and Health Professions new building projected completion date Fall 2026
 - ❑ Renovations can begin in Mason Hall where the SONHP was previously located
 - ❑ Renovations to Mason Hall are expected to be completed Fall 2027
 - ❑ During the period of renovations, the dental hygiene program will utilize the Southern Family Dental office for clinical needs

- 
- Southern Family Dental has a total of 8 operatories
 - Initially the program will admit 10 students while using Southern Family Dental's office space
 - Once we move to Mason Hall where we will have 14 operatories, we will increase our admissions to 20 students per cohort
 - We will have a simulation lab with 20 stations for the students



Addressing Kentucky's Shortage of Dental Professionals

- Partner with Purchase AHEC for Community Health Screenings and KIDS Free Dental Clinic
- Expand outreach by attending middle and high school career fairs to promote all areas of dentistry as a profession. Stress the need for dental professionals in rural areas
- Partner with the Purchase District Health Department Floss and Gloss Program
- Encourage our students to become Public Health Registered Dental Hygienists or Community Dental Health Coordinators
- Work with our Kentucky Dental Schools to create Pathways to Dentistry



Future goals for our program

- Apply for grants to fund a mobile preventative program to expand our student's experiences working with children in school settings
- Open our clinic to provide Continuing Education Courses
- Provide Coronal Polishing, Dental Radiology Safety and Instruction in Dental Radiographic Technique Courses for Dental Assistants. Offering these courses closer to home will reduce out of pocket expenses for our local dentists who choose to provide training for Dental Assistants
- Develop a Bachelor of Science in Dental Hygiene Degree



Contact Information

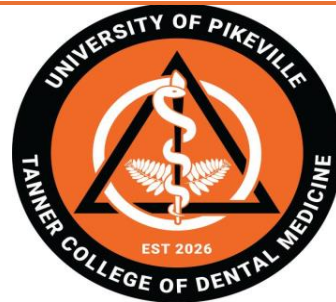
- Shanna G. Burress DMD
- Dental Hygiene Program Chair
- School of Nursing and Health Professions
- Murray State University
- Email: sburress@murraystate.edu
- Phone: (270)809-6222

UNIVERSITY OF PIKEVILLE

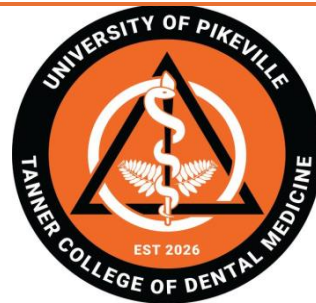
TANNER COLLEGE OF DENTAL MEDICINE



Dr. Jill Keaton
Tanner College of Dental Medicine
Professor and Dean



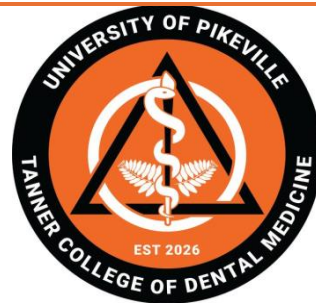
UNIVERSITY OF PIKEVILLE
TANNER COLLEGE OF DENTAL MEDICINE



UNIVERSITY OF PIKEVILLE
TANNER COLLEGE OF DENTAL MEDICINE

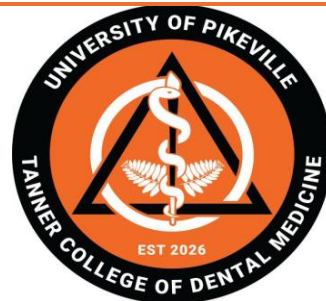
University of Pikeville

Established in 1889

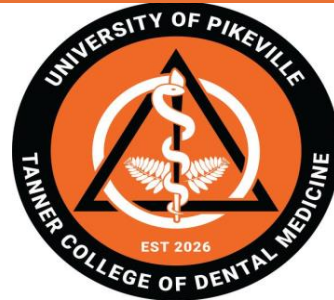


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TANNER COLLEGE OF DENTAL MEDICINE

- College of Arts & Sciences
- College of Nursing and Human Services (Elliott School of Nursing and the School of Social Work)
- Patton College of Education
- Coleman College of Business
- Kentucky College of Osteopathic Medicine
- Kentucky College of Optometry
- Tanner College of Dental Medicine

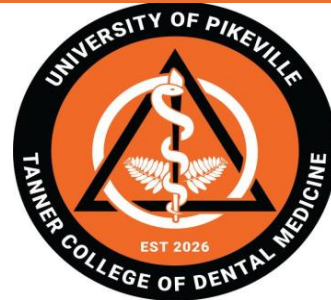


UNIVERSITY OF PIKEVILLE
TANNER COLLEGE OF DENTAL MEDICINE



UNIVERSITY OF PIKEVILLE

TANNER COLLEGE OF DENTAL MEDICINE



UNIVERSITY OF PIKEVILLE

TANNER COLLEGE OF DENTAL MEDICINE

TCDM Facts (Facility):

1. State of the Art Building; Five Stories
2. Ninety-three Dental Operatories
3. Fully Digital Radiography with Cone-Beam CTs
4. Digital Laboratories; 3-D Printers, CAD/CAM, Intraoral Scanners
5. Center for Research and Education in Technology (CRET) Innovation Center
6. SimToCare Haptics



UNIVERSITY OF PIKEVILLE
TANNER COLLEGE OF DENTAL MEDICINE

TCDM Facts (Program):

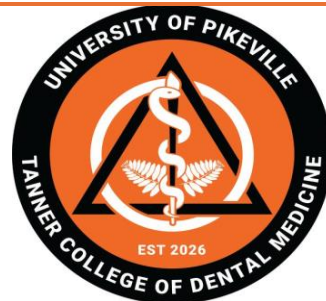
1. Innovative Three-Year DMD Curriculum equivalent to four academic years of instruction.
2. Initial Accreditation granted by the Commission on Dental Accreditation (CODA) in August 2025
3. Cohort of 50 students will be admitted for courses beginning in June 2026.
4. Ten Advanced Placement International Dental Students will join in the D2 year.



UNIVERSITY OF PIKEVILLE
TANNER COLLEGE OF DENTAL MEDICINE

TCDM Facts (Educational Experiences):

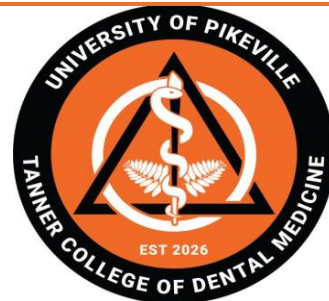
1. Other clinical experiences: Appalachian Center for Preventive Medicine (ACPM), Federally Qualified Health Centers (FQHCs) in the region.
2. Research Opportunities
3. American Student Dental Association (ASDA)
4. Community-Based Service
5. Participation in the Kentucky Mountain Dental Society activities.



UNIVERSITY OF PIKEVILLE
TANNER COLLEGE OF DENTAL MEDICINE

TCDM Advantage:

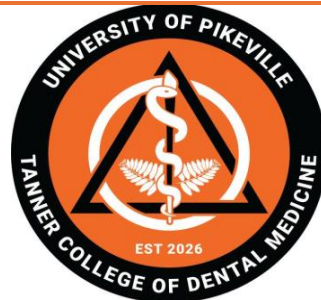
- ◆ iPad/Laptop
- ◆ Digital Textbooks
- ◆ Scrubs
- ◆ White Coat
- ◆ First attempt at the Integrated National Board Dental Examination (INBDE)
- ◆ Loupes



UNIVERSITY OF PIKEVILLE
TANNER COLLEGE OF DENTAL MEDICINE

Other TCDM Initiatives

- ◆ Appalachian Center for Preventive Medicine (ACPM)
- ◆ BearCare Public Health Dental Clinic (Pike County)



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TANNER COLLEGE OF DENTAL MEDICINE

Questions??



UNIVERSITY OF PIKEVILLE
TANNER COLLEGE OF DENTAL MEDICINE

University of Kentucky College of Dentistry
December 12, 2025

UKCD Pathways to Dentistry



UNIVERSITY OF KENTUCKY COLLEGE OF DENTISTRY

PATHWAYS TO DENTISTRY CONCEPT

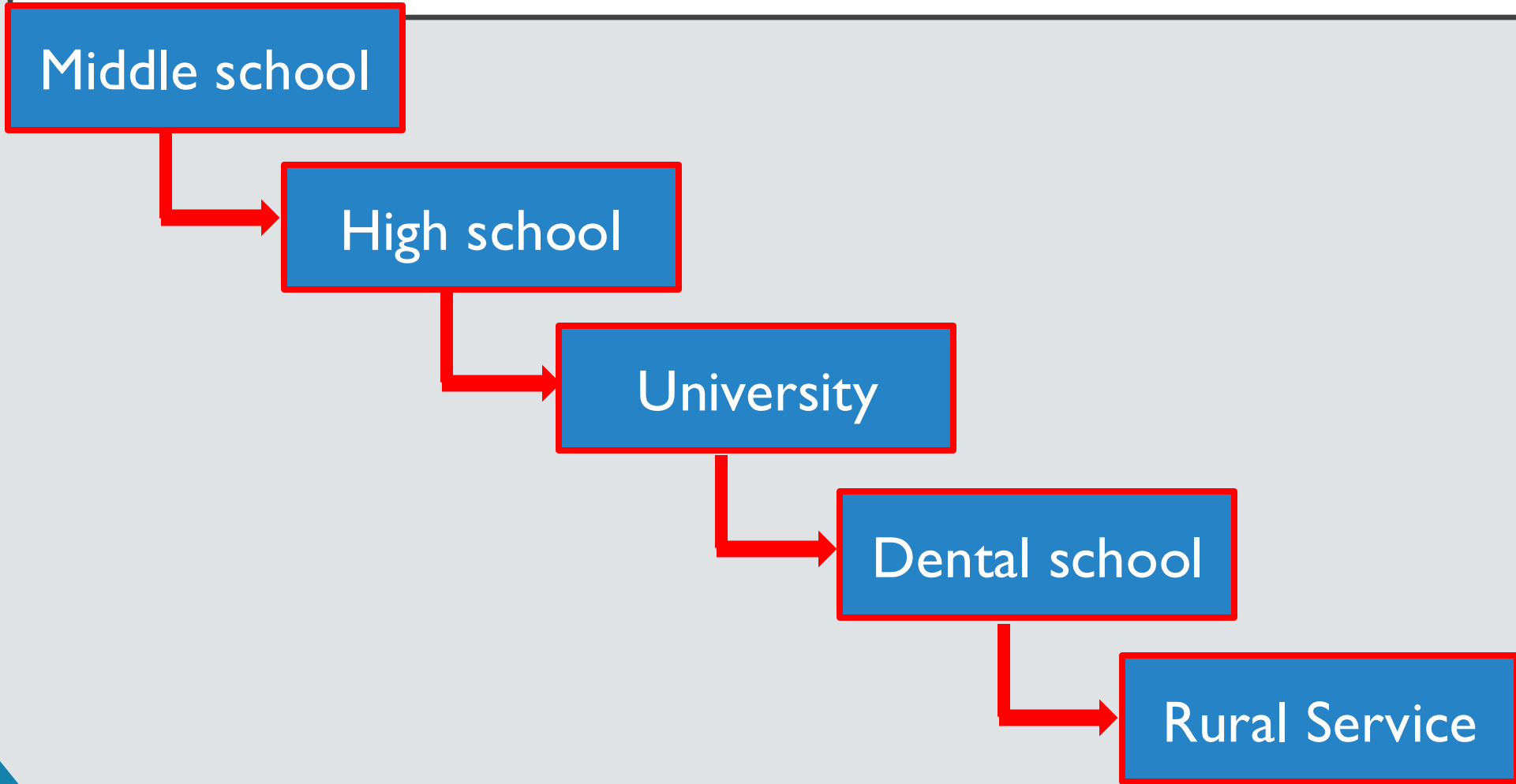
Middle school

High school

University

Dental school

Rural Service



UKCD PATHWAYS TO DENTISTRY CONCEPT

Middle
School

- Alumni Toolkit
- Connect to additional engagement opportunities
- Shadowing a private practice

High School

- Enroll in Pathways to Dentistry
- Connect with mentors
- College Prep courses-math and sciences

University

- Mentoring-UK Faculty and Local Dentist
- Join Predental Society
- Admissions Bootcamps for dental school
- Research or Outreach Project in the student's home region

Dental
School

- Rural Dentistry Track
- Externships
- Support for loan repayment, job search

Rural
Service

- Community Engagement Plan
- Mentors
- Community Partners

UKCD PATHWAYS TO DENTISTRY

Middle school

High school

University

Dental school

Rural Service

Essential local components

School system participation

Local alumni commitment

Community support



CURRENT STATUS

- Overall project development overseen by 10-member taskforce, lead by part-time faculty and alumnus (Fred Howard) with six alumni participating
- Work groups in Fulton-Hickman and Lawrence Counties, includes UKCD alumni in area.
- Development of alumni toolkit created
- Working with 4-H, both local and at UK, and building collaboration with other UK entities such as Center for Interprofessional and Community Health Education/Area Health Education Center (AHEC)
- Exploring collaborations and funding opportunities

State Oral Health Plan - Updates and Next Steps

Dr. Julie Watts McKee
Kentucky State Dental Director, Department for
Public Health

Kentucky Oral Health Coalition



For a lifetime of oral health



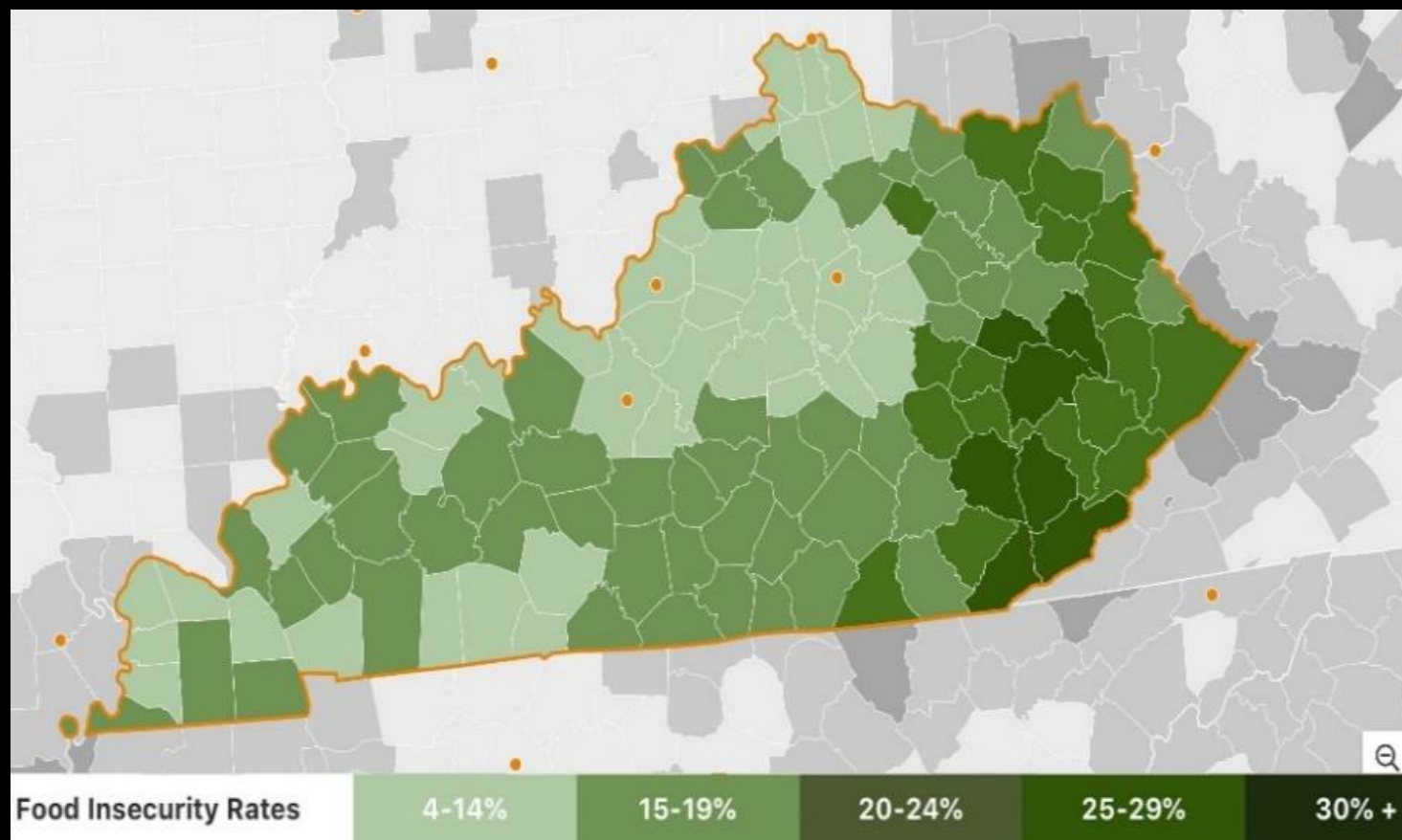
Oral Health Vulnerability

**KOHC Annual Meeting
Dec 2025**

Luciana Shaddox, Courtney Brown, Pamela Stein, Rick Ingram, Greg Hawk
Colleges of Dentistry, Public Health and Arts & Sciences



Food Insecurity in Kentucky



Food insecurity map of Kentucky

Oral Health Stats for Kentucky

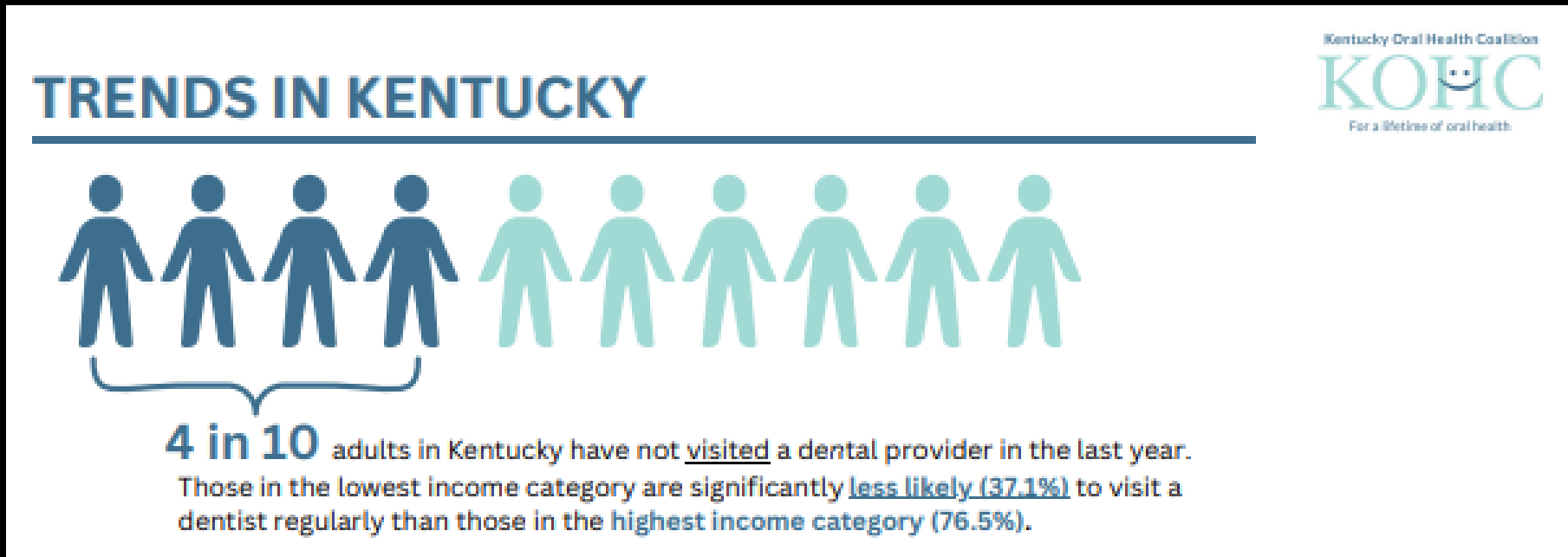
Edentulism over 65 y.o. - Ranks 49th (22.5%)

Oral Cancer Incidence— Ranks 5th

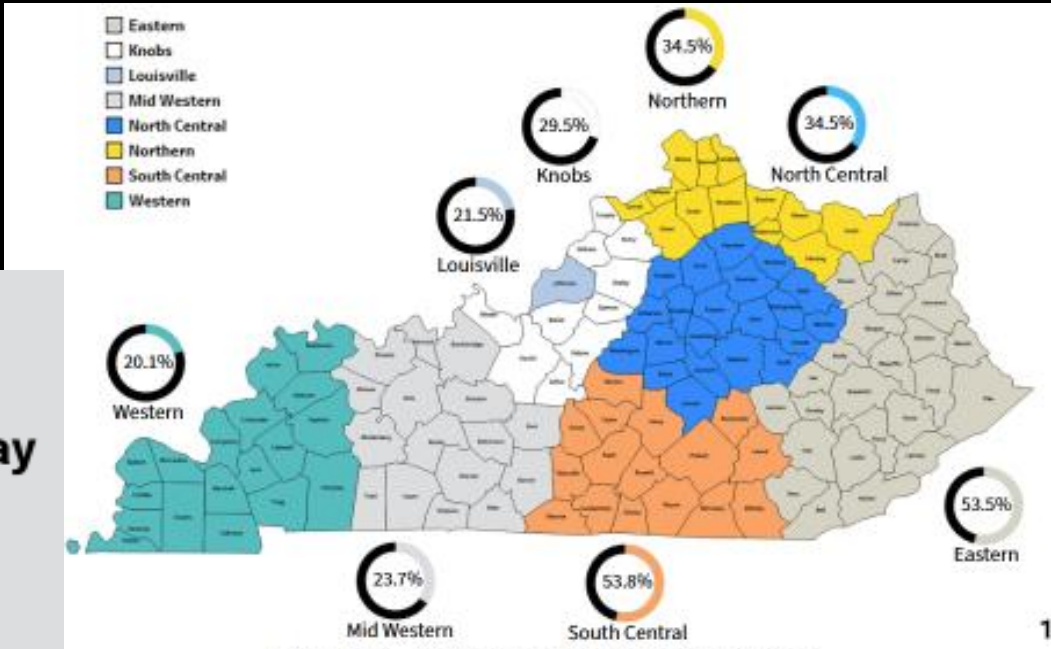
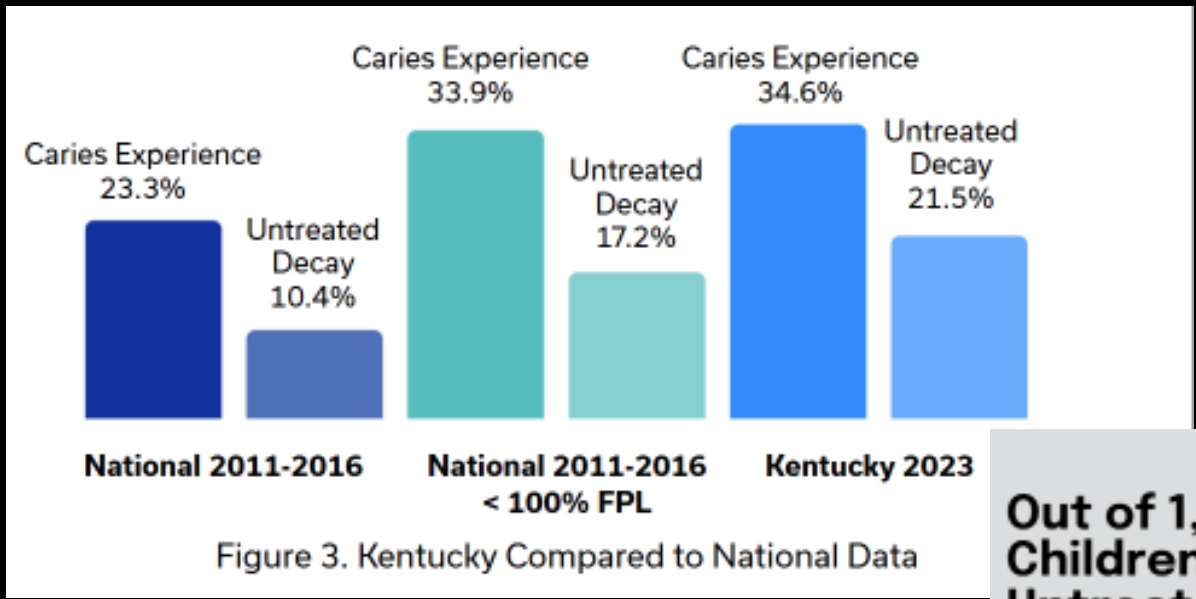
Adults with a dental visit last year- Ranks 42nd

https://www.americashealthrankings.org/explore/measures/teeth_extractions_sr/KY
statecancerprofiles.cancer.gov
<https://www.americashealthrankings.org/explore/measures/dental/KY>

Lowest Income Adults – only 37.1 % had dental visit
Highest Income Adults – 76.5% had dental visit



2023 Kentucky Oral Health Early Learner's Survey



Out of 1,433 Children with Untreated Decay

- 5.4% No Treatment Needs (n=78)
- 79.2% Early Treatment Needs (n=1,135)
- 15.4% Urgent Treatment Needs (n=220)

Developing an Oral Health Vulnerability Index for Kentucky

Aim 1. Oral Health Utilization vs Social Vulnerability Index

Aim 2. Understanding Oral Health Resilience



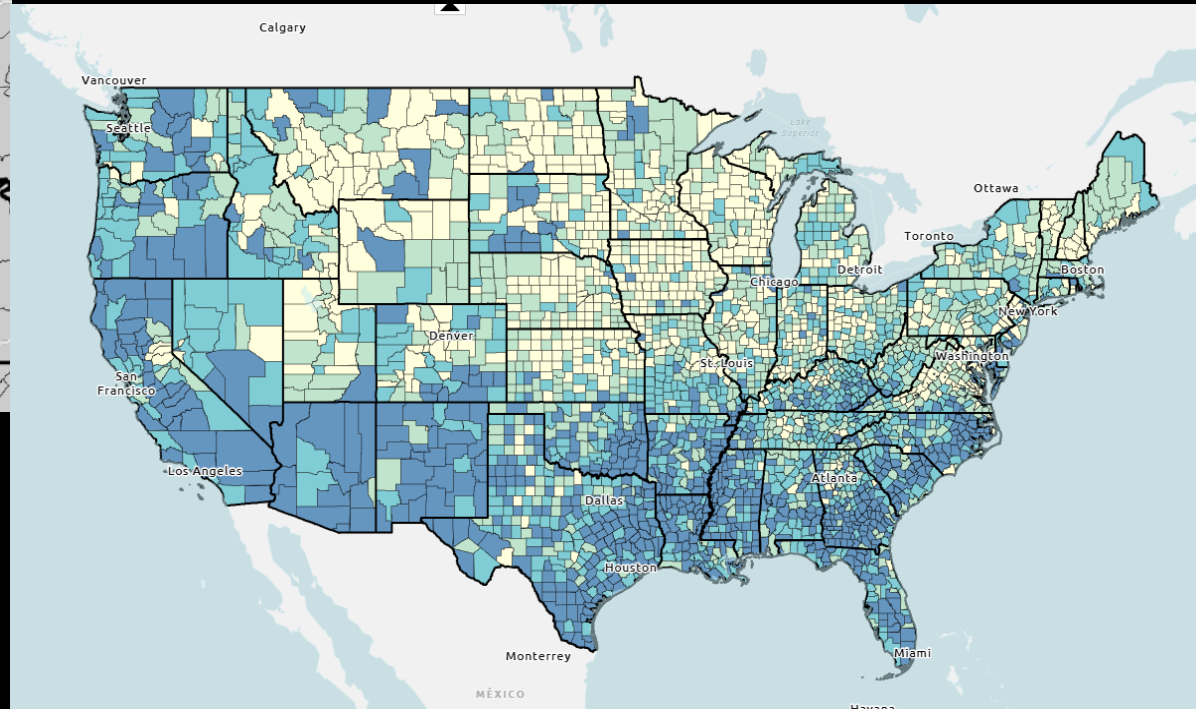
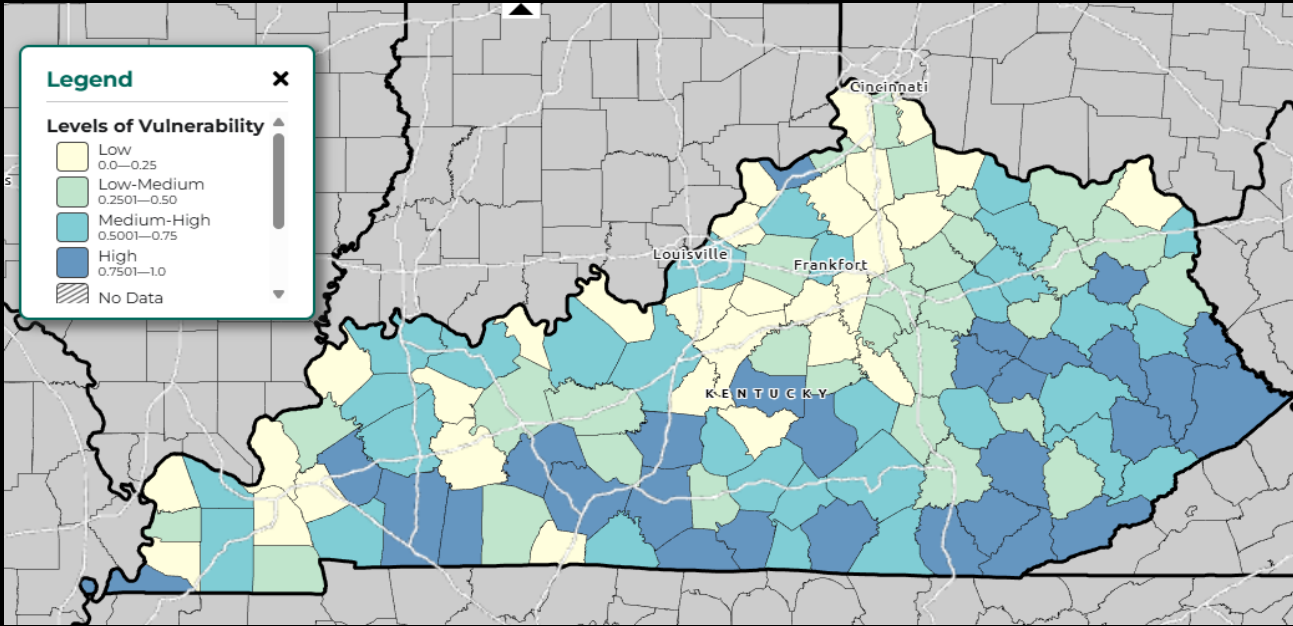
Social Vulnerability Index

- Uses United States Census and American Community Survey data
- 16 social factors included within 4 overall themes (**Figure to the Right**).
- Can be used to identify communities that may be more vulnerable to poor health outcomes.
- We plan to add Food Security and Dental Workforce data to the model.



Social Vulnerability Index Themes and Factors to be associated with oral health care utilization

Social Vulnerability in Kentucky



Social Vulnerability Index Score (SVI) Across the U.S. and by County in Kentucky (2022). The higher the score the higher the vulnerability.

Medicaid Claims Breakdown

TYPE	CODES	DENTAL PROCEDURES
DIAGNOSTICS	ADA: D0120, D0140, D0145, D0150, D0160, D0170, D0180	Oral examination codes
PREVENTIVE	ADA: D1110, D1120	Prophylaxis Adult and Child
	ADA: D1206, D1208 CPT-4:99188	Fluoride Treatment Adult and Child
	ADA D1351	Sealant (Ages 5-20)
	ADA D1354	Silver Diamine Fluoride
RESTORATIVE	D2140-2150-2160/61	Amalgam Restorations 1-2 Surfaces
	D2330/31, 2391/92	Resin Restorations 1-2 Surfaces
RESTORATIVE ADVANCED	D2160/61	Amalgam Restorations 3-4 Surfaces
	D2332/35, 2390/93/94	Resin Restorations 3-4 Surfaces
	D2930/31	Stainless Steel Crowns
ENDODONTIC SERVICES	D3110	Pulp Cap-Direct
	D3220	Therapeutic Pulpotomy
	D3310	Root Canal Therapy-Anterior
	D3320	Root Canal Therapy-Bicuspid
	D3330	Root Canal Therapy-Molar
PERIODONTICS	D4341	Scaling and Root Planning
	D4355	Full mouth Debridement
SURGICAL/ URGENT CARE	D7111, D7140, D7210	Tooth Extractions
	D7510/20	Incision/Drainage of Abscess
	D9110	Treatment of Dental Pain

Additional Data on Services Utilization: Emergency Department data on Non-Traumatic Dental Conditions (NTDCs)

From the KY CFHS Hospital Inpatient Discharge & Outpatient Services Databases based on guidance from the ASTDD.

Medicaid claims data of procedure codes grouped into different categories of care utilization. Focus on Preventive and Urgent.

Statistical Modeling Plan: Building the KY OHVI

- **Step 1**: Gather all the data that describe each county's oral health environment
 - *Examples*: Demographic factors, Medicaid enrollment and claims, workforce profile, SVI
- **Step 2**: Many of these variables overlap, so group them into conceptual themes.
 - *Examples*: "Socioeconomic conditions", "Dental Workforce Capacity", "Community Vulnerability"

Statistical Modeling Plan: Building the KY OHVI

- **Step 3**: For each theme, create a single score that summarizes all the data in that theme, using confirmatory factor analysis (CFA).
 - Similar (but less statistically-intensive) methodology used by CDC to build the SVI
- **Step 4**: Determine which themes predict dental access, using structural equation modeling (SEM).
 - Ensures our index will truly be data-driven, reflective of the current state of oral health in each county.

Statistical Modeling Plan: Building the KY OHVI

- **Step 5**: Using the most meaningful predictors, build the Oral Health Vulnerability Index for each county.
 - Overall scores, and scores for each contributing theme
 - "Where are we strong? Where are we at risk? How do we compare to similar counties?"
- **Step 6**: Validate the index and identify "positive outlier" counties for further study.

Positive Deviance Framework

Seeks to identify groups that overperform

- Viewed as having high utility to influence outcomes- rooted in community context
- Has been used extensively in health services research/public health
 - Identify communities with better-than-expected MCH outcomes
 - Identify organizations with better-than-expected patient safety outcomes
 - Engage with community members to help explain what characteristics/factors/practices lead to overperformance

Lessons from Overperformance

- Step 1: Identify overperformers
 - Identifying communities with similar levels of resources that perform better than their similarly resourced peers
 - Define overperformance
 - Find the communities that perform the best with limited resources

Lessons from Overperformance

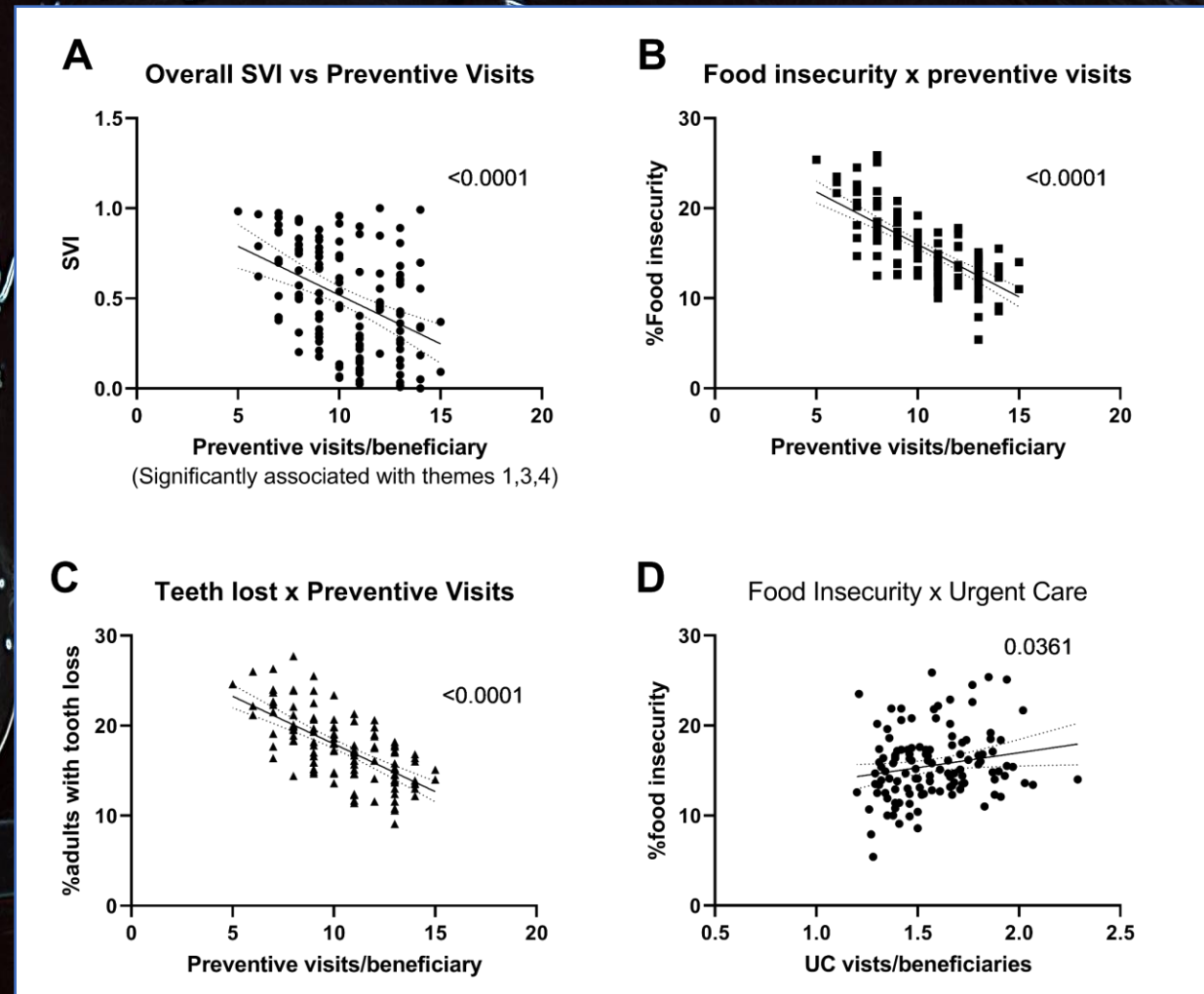
- Step 2: Select Positive deviant communities
 - Find overperformers
 - Select "most overperforming" overperformers
 - Highest (most vulnerable) quartile of vulnerability with highest (best) quartile of outcomes
 - Highest perceived probability of vulnerability with best outcomes
 - Vet with advisory group
 - "Do these make sense?"
 - Sometimes data is wonky or lag behind key contextual change

Lessons from Overperformance

- Step 3: Identify community/system/organizational characteristics that may lead to overperformance
 - Select key system members for qualitative interviews and social network analysis
 - Advice from community advisory group
 - Identify promising practices
 - Partnerships?
 - Strategies?
 - Community characteristics?

Preliminary Data Evaluated in KY

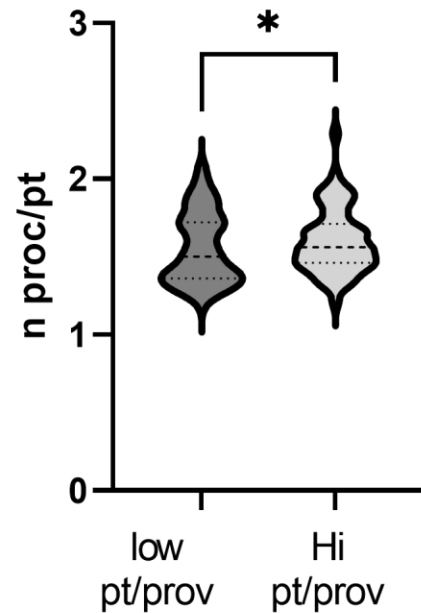
- SVI score had a significant and negative correlation with utilization of preventative/diagnostic services.
- Food insecurity had a significant negative correlation with preventive visits and positive correlation with urgent care services.
- Teeth loss negatively correlated with preventive visits as well



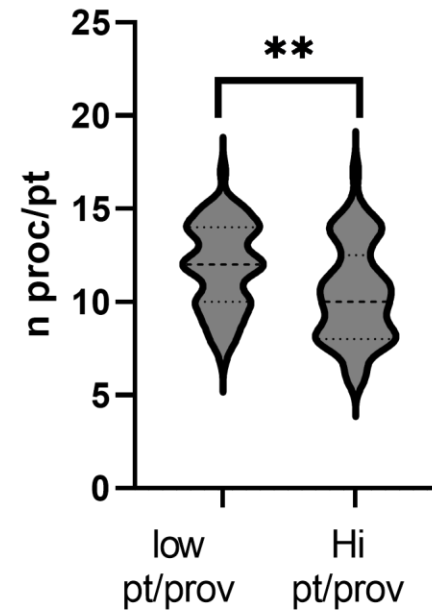
Workforce vs Care Utilization in KY

Urgent care is higher in counties with high proportion of patients per provider (low number of providers)

A Urgent care vs Workforce



B Preventive care vs Workforce



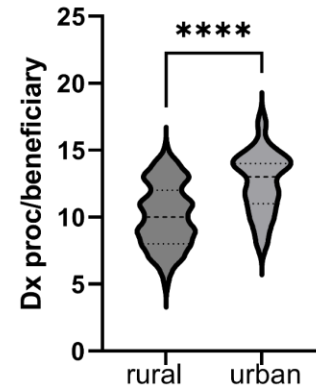
Preventive care is higher in counties with low patient/provider ratio (high number of providers)

Plots showing workforce data by number of Medicaid patients enrolled by number of Medicaid providers versus preventive and urgent care services utilization by patient.

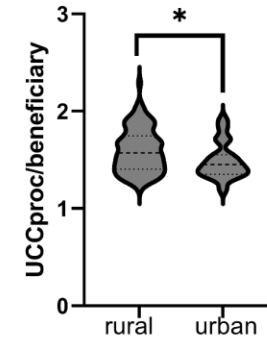
Rural vs Urban Counties

- Urban counties = higher number of *preventive/diagnostic* procedures (A)
- Rural counties = higher number of *urgent care* procedures (B)
- Rural counties = higher SVI under theme 1 (social-economic status- SES) (C)
- Rural counties = higher percentage of the population with food insecurity (D)

A Preventive procedures

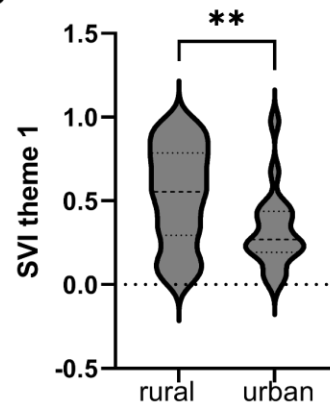


B Urgent care procedures



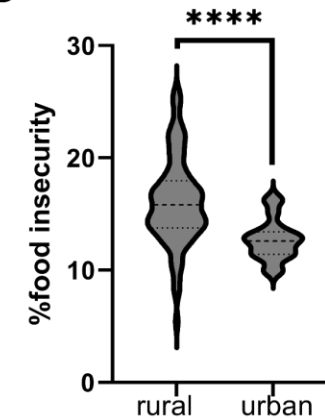
C

SVI Theme 1: SES

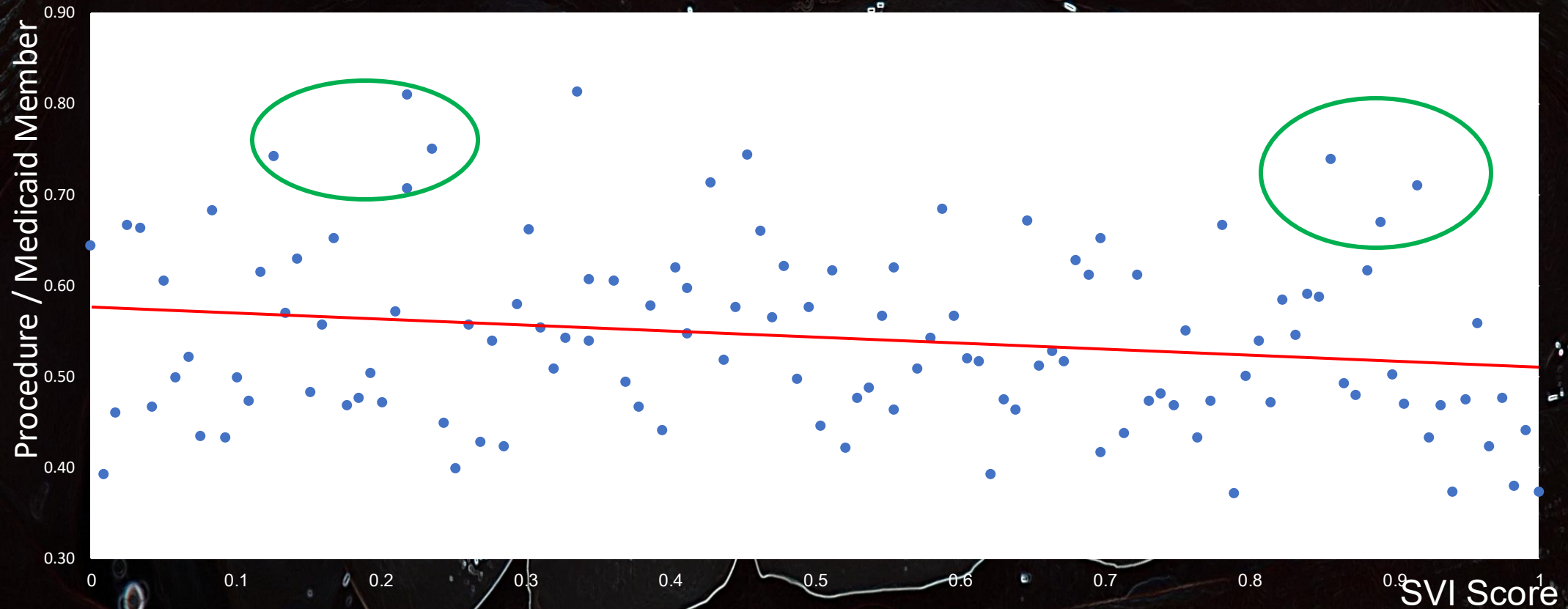


D

Food insecurity



Preventive Services Utilization and Social Vulnerability



Learn from the positive outliers: what are they doing that's working for them? Even with obstacles to care?

On a nutshell: What we want to do?

- Find out the most significant factors associated with higher oral health vulnerability in the state!
- Identify factors that play a role in vulnerability per county!
- Evaluate the data per county and identify *positive outliers* and what are they doing that works for their positive numbers?
- Share the results with you!

What do we want from you?

- Your support!
- Your feedback!! 😊







KOHC 2026 Policy Priorities

- Protect community water fluoridation programs
- Expand practice settings for public health registered dental hygienists
- Increase Medicaid reimbursement rates for dental services

Questions?

Kentucky Oral Health Coalition

KOHIC

For a lifetime of oral health



Member Voting

- Protect community water fluoridation programs
- Expand practice settings for public health registered dental hygienists
- Increase Medicaid reimbursement rates for dental services



Vote 1

- Protect community water fluoridation programs



Vote 2

- Expand practice settings for public health registered dental hygienists



Vote 3

- Increase Medicaid reimbursement rates for dental services

Thank you for
joining!

www.kentuckyoralhealthcoalition.org

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