

UNC Children's Meeting

February 15, 2024





OUR MISSION IS TO PROMOTE THE HEALTH OF ***ALL CHILDREN*** IN AN INCLUSIVE, EQUITABLE CULTURE THROUGH COMPASSIONATE FAMILY-CENTERED CARE, TIRELESS ADVOCACY, SCIENTIFIC DISCOVERY, AND EDUCATION OF FUTURE LEADERS.

OUR VISION IS TRANSFORMING CARE AND INSPIRING HOPE FOR ***ALL CHILDREN***.

- Welcome and General Announcements
- Program Highlight – Victory Junction
- System Update
 - Service Line Development
 - Outreach Activities
- Clinical Update
- Quality and Safety Update
- Faculty Development Update





Amanie Khairullah, PharmD, BCPPS

Pediatric Clinical Pharmacist, Peds Endocrinology
Started January 2024

Benjamin Bowden, MSN, FNP

Advanced Practice Provider
Wilmington Pediatric Specialty – Hospitalists
Started January 2024





Jordan Pung, MD

Assistant Professor

Wilmington Pediatric Specialty – Critical Care

Started January 2024

Maureen Furlong, RN, MSN
Clinical Research Nurse Coordinator, Genetics &
Metabolism

Started January 2024





Martin Moya, MD, MPH, MHS

Professor

Wilmington Pediatric Specialty – Neonatology

Started January 2024

Krispy Kreme Challenge

12 Doughnuts. 5 miles. 1 hour



The Krispy Kreme Challenge is a student run, charity-based race dedicated to supporting the mission of the North Carolina Children's Hospital

22nd annual Benefit Reception will occur on Saturday, February 17th, 2024!

The Benefit Reception is an annual silent and live auction supporting the patients and families of UNC Children's. This year's event will be February 17th at North Carolina Botanical Gardens at 7 pm, and virtual auction access is also available. Visit the [link](#) here to buy tickets!



Program Highlight: Victory Junction





VICTORY JUNCTION[®]

Founded in honor of Adam Petty
a serioüsfun camp

Overview Video

- <https://vimeo.com/881021728/973658bd7c?share=copy>



Who we are

- Victory Junction is a medically safe, yet exhilarating camp, that challenges children who have a serious medical condition to try things they never imagined possible. As they conquer activities like zip lining and archery or experience bowling, fishing or swimming, children build confidence that will shape how they view the rest of their lives. All in a medically safe and supported environment.
- We are also providing camp experiences at Children's Hospitals and pediatric clinics across NC, SC & Virginia....including LCH!



Why Camp?

- Improves resilience
- Provides an opportunity to belong
- Make a friend
- Reduce feeling of isolation
- Connect with others in shared experience
- Can be a KID!
- And many many more...



Over 98% of our campers...

- Made a new friend at camp
- Felt a sense of belonging
- Felt safe
- Loved the Food
- Had fun!!!



How Camp?

- Camp is provided at no cost to the campers and families
- We want to break down the barriers
 - Awareness
 - Medical support
 - Health care reference
 - Travel



Summer Medical Support

- Victory Junction has a full-time Director of Medical Operations (MNP) as well as a MD consult advisor that is on call and oversees the medical decisions 24/7
- We hire 5 RN's that work through the summer to directly support a unit (4 cabins) of campers
 - We bring in an additional 7-10 medical volunteers each week to support the process
- We also have a MD specialist (based on the diagnosis group we are serving) on site for each session as extra expert support (that could be you!!!) 😊
- All medications are collected during check-in and inventoried by our volunteer pharmacy team and distributed by our medical professionals throughout the week



Who We Serve

Bleeding Disorders: includes hemophilia, von Willebrand disease, idiopathic thrombocytopenia purpura (ITP), etc.

Burn Survivors: includes second and third degree burn survivors

Cancer: includes solid tumors, leukemia, lymphoma, brain tumors, etc.

Cerebral Palsy: includes spastic quadriplegia/quadruparesis, hemiplegia/hemiparesis, ataxia, dystonia, etc.

Craniofacial Anomalies: includes cleft lip and palate, Apert syndrome, craniosynostosis, Goldenhar syndrome, etc.

Gastrointestinal Disorders: includes Crohn's disease, ulcerative colitis, biliary atresia, campers with liver transplants, etc.

Genetic Disorders: includes neurofibromatosis, Ehlers-Danlos syndrome, mitochondrial disease, Turner syndrome, etc.

Heart Disease: includes congenital heart defect, arrhythmias, cardiomyopathy, etc.

Immunologic Disorders: includes HIV, Severe Combined Immunodeficiency (SCID), etc.

Kidney Disorders: includes chronic kidney disease, campers with hemodialysis and peritoneal, campers with kidney transplants, etc.

Lung Disease: includes cystic fibrosis, primary ciliary dyskinesia, etc.

Neurological Disorders: includes epilepsy, campers with traumatic brain injuries, cortical dysplasia, agenesis of the corpus callosum, etc.

Physical Disabilities: includes spina bifida, muscular dystrophy, spinal muscle atrophy, arthrogryposis, myasthenia gravis, skeletal dysplasia, and campers with amputations

Rheumatologic Disorders: includes juvenile rheumatoid arthritis, juvenile idiopathic arthritis, lupus, etc.

Sickle Cell Disease: includes hemoglobin SS, hemoglobin SC, beta thalassemia, etc.

Skin Disorders: includes epidermolysis bullosa (EB), psoriasis, alopecia, etc



Ways To Help

- Share with your patients and families!
- Volunteer for a weekend or week of summer camp
- Share with your colleagues about the opportunities we have
- Connect directly so we can support you and your team with the resources needed



Connect Directly...



System Updates



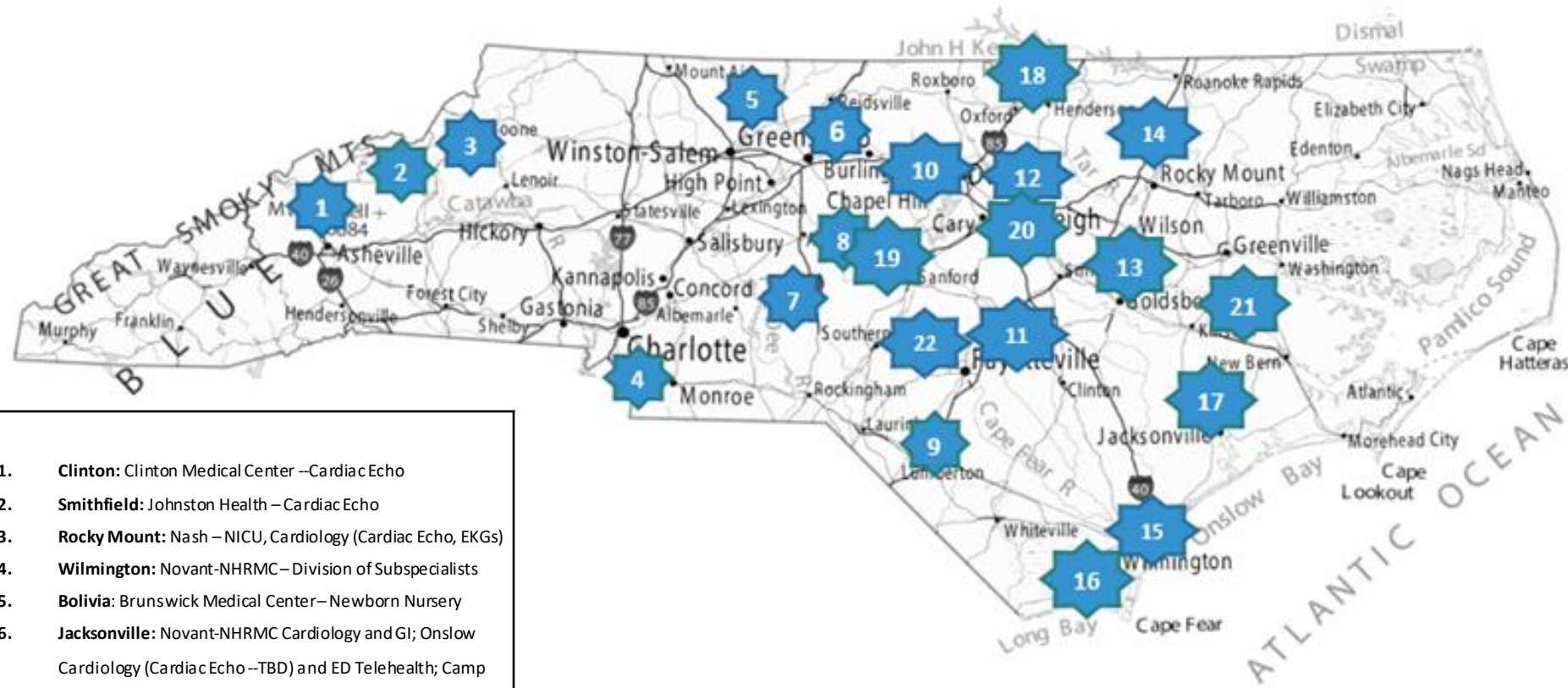


- NC Children's Hospital Planning Team
 - **Andy Willis** - Executive Chief Planning and Development Officer
 - **Ian Buchanan** - Chief Project Officer
 - **Erin Edwards** - Vice President of Project Management



- Discussing partnerships
- Hired consulting group: Whitecap Consulting
- Will be visiting freestanding children's hospitals
- Developed twelve workstreams

Outreach Update



1. **Asheville:** Mission Health System – Children’s Developmental Behavioral Services
2. **Morganton:** Blue Ridge Health – Cardiac Echo
3. **Lenoir:** Caldwell UNC Healthcare (EKGs only)
4. **Charlotte:** Novant – Endocrinology, Genetics
5. **Greensboro:** Cone Health – Cardiology, GI, Pulmonary
6. **Burlington:** Alamance Regional Medical Center (Cone Health) Cardiac Echo and EKGs
7. **Pinehurst:** First Health Moore Regional – Cardiac Echo and NICU
8. **Sanford:** UNCPN Multispecialty Clinic
9. **Lumberton:** UNC Southeastern NICU (Cardiac Echo TBD)
10. **Chapel Hill:** UNC Hospitals Children’s Specialty Clinics in Chapel Hill at Carolina Pointe II
11. **Fayetteville:** Cape Fear Valley Medical Center (NICU) and SR-AHEC, Cardiology and Child Maltreatment Clinics

1. **Clinton:** Clinton Medical Center – Cardiac Echo
2. **Smithfield:** Johnston Health – Cardiac Echo
3. **Rocky Mount:** Nash – NICU, Cardiology (Cardiac Echo, EKGs)
4. **Wilmington:** Novant-NHRMC – Division of Subspecialists
5. **Bolivia:** Brunswick Medical Center – Newborn Nursery
6. **Jacksonville:** Novant-NHRMC Cardiology and GI; Onslow Cardiology (Cardiac Echo – TBD) and ED Telehealth; Camp Lejeune NICU
7. **Butner:** Juvenile Justice Detention Center (DPS)
8. **Pittsboro:** UNC FP and PN Pediatric Clinic
9. **Wilson, Raleigh, Morganton:** Eastern NC School for the Deaf, the Governor Morehead School for the Blind (GMS) and the NC School for the Deaf
10. **Kinston:** Lenoir
11. **Hoffman:** Juvenile Justice Detention Center (DPS)

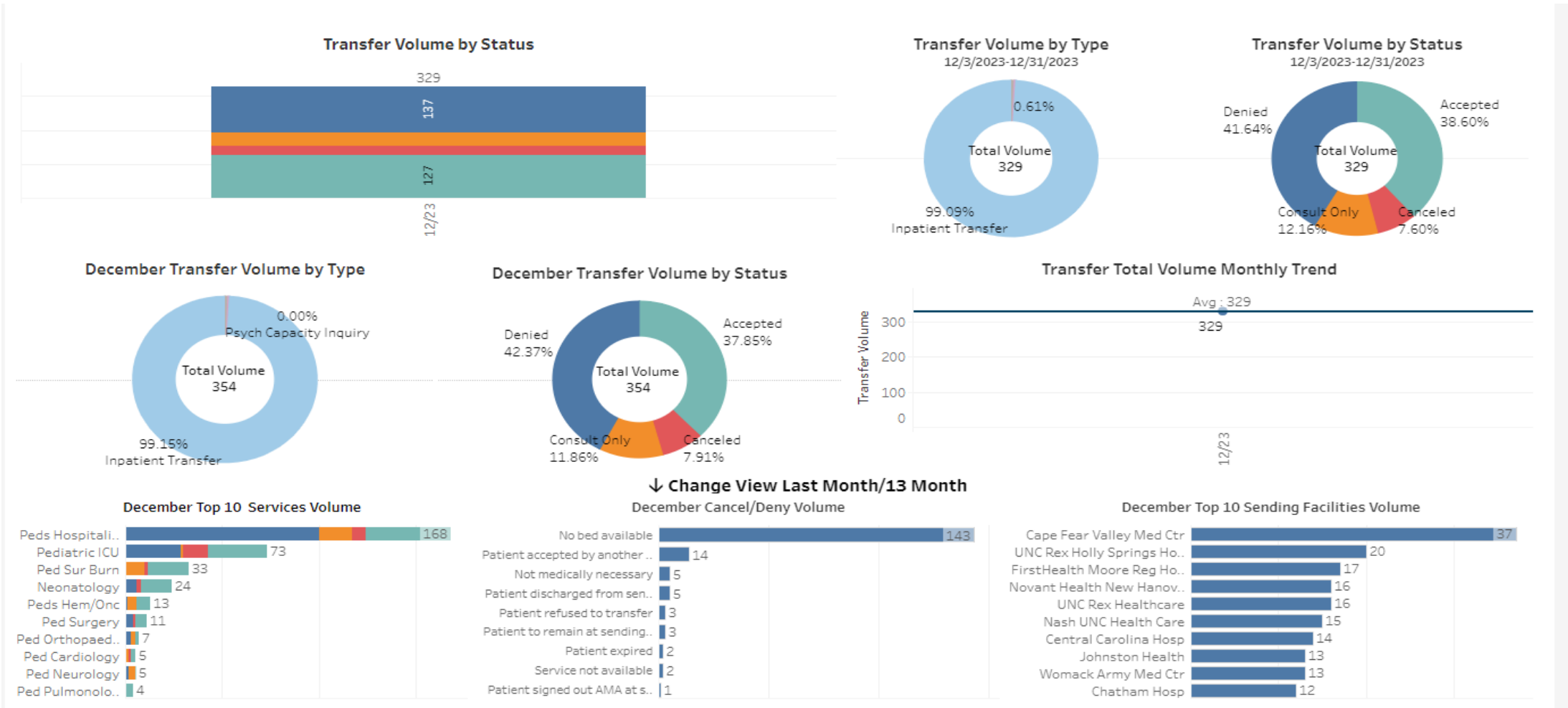
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|-------------------|--|
| Kinston, NC: | UNC Health Lenoir virtual delivery room and resuscitation support |
| Hoffman, NC: | Juvenile Detention Center |
| Jacksonville, NC: | Onslow Memorial preferred provider for all children's services (ED consults, newborn nursery and special care nursery) |

Clinical Updates

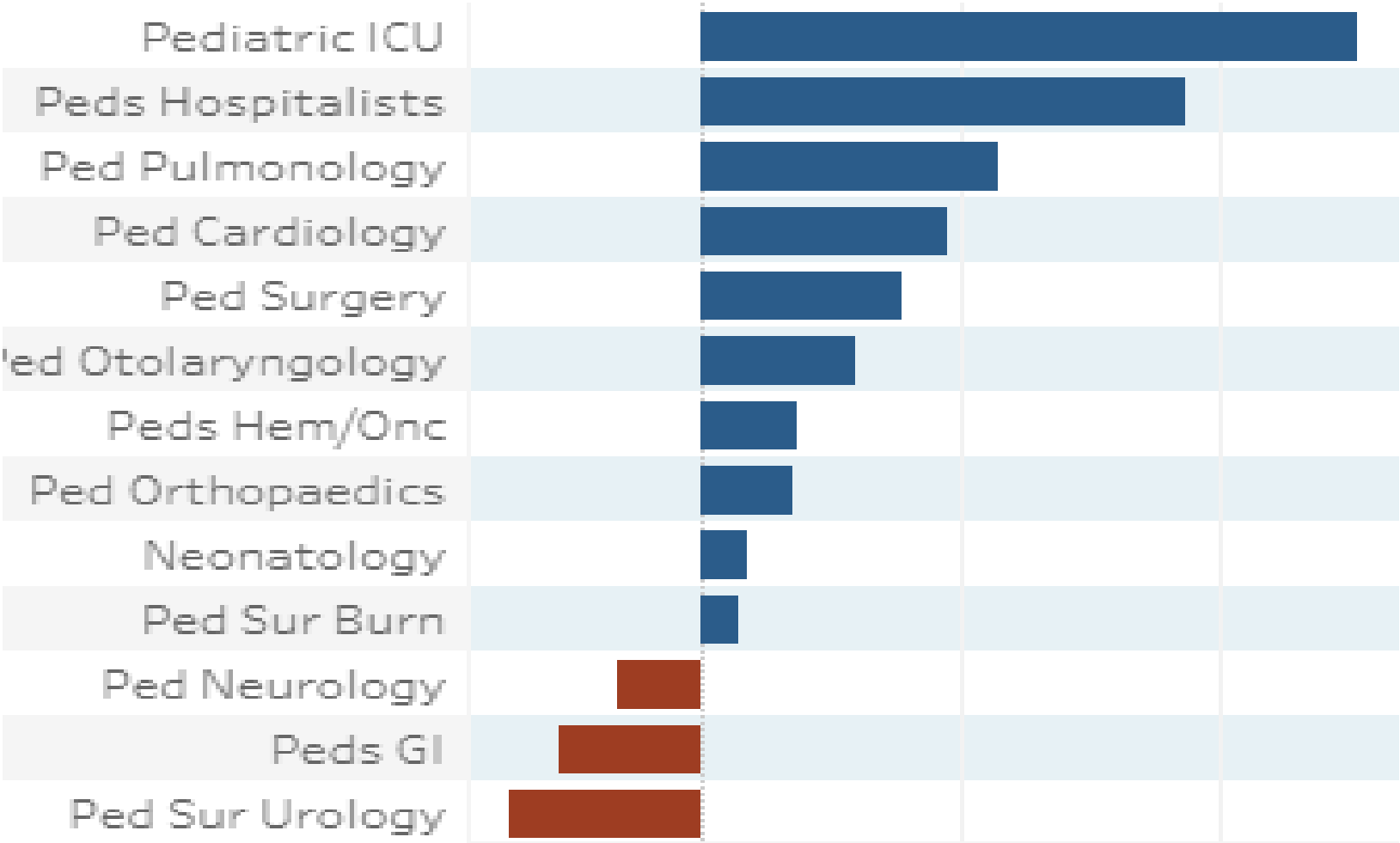


Inpatient Update

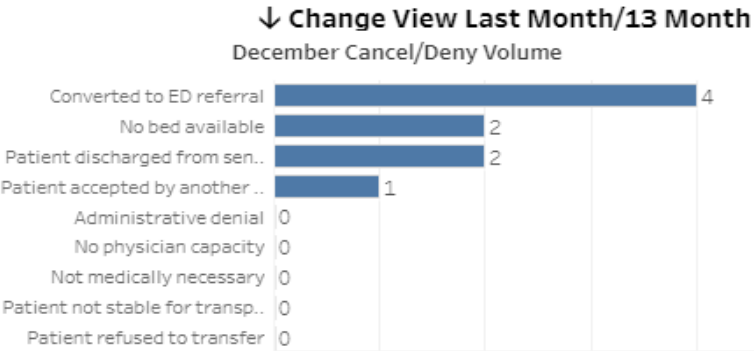
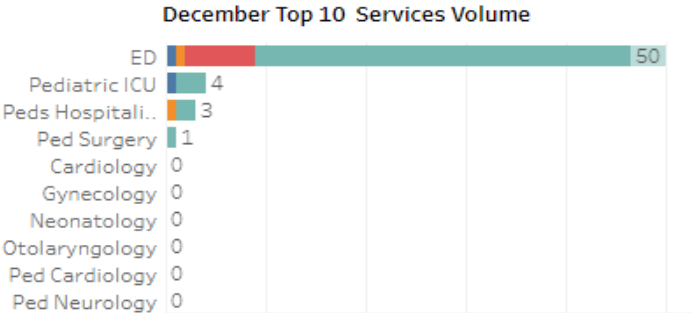
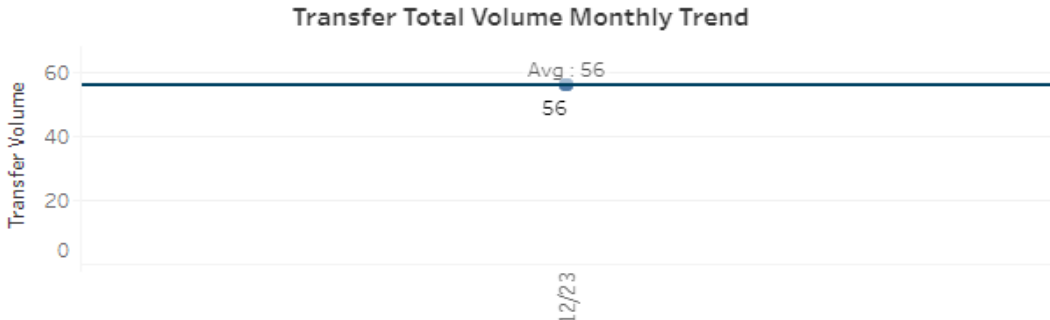
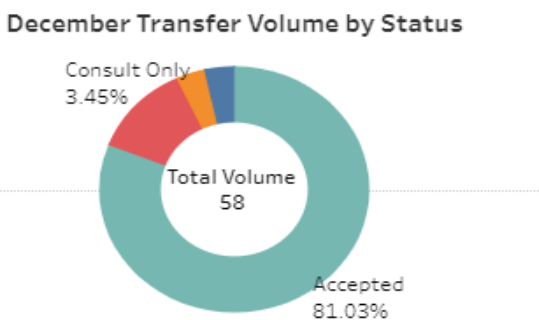
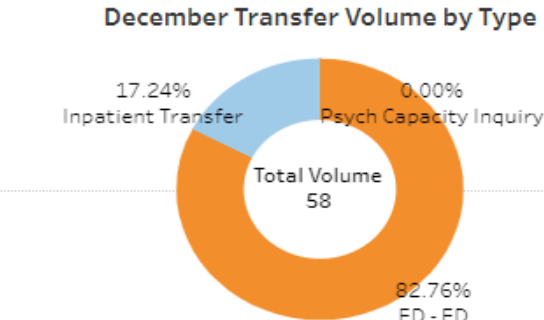
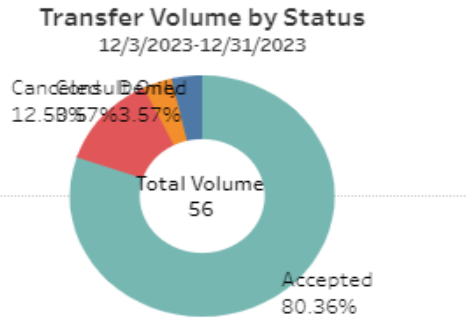
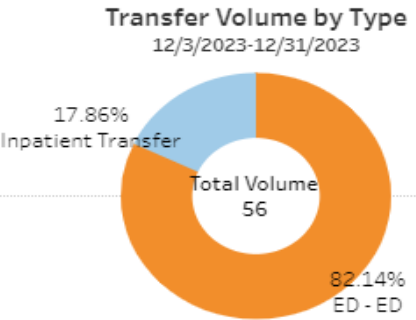
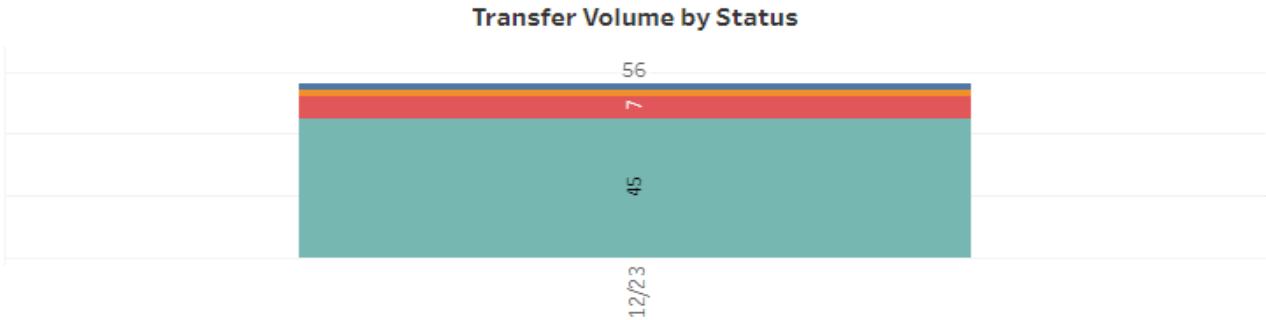
Peds Inpatient Volume Data- December (final)



Service Transfer Volume by Greatest Change Last Month Volume vs 13 Month Average

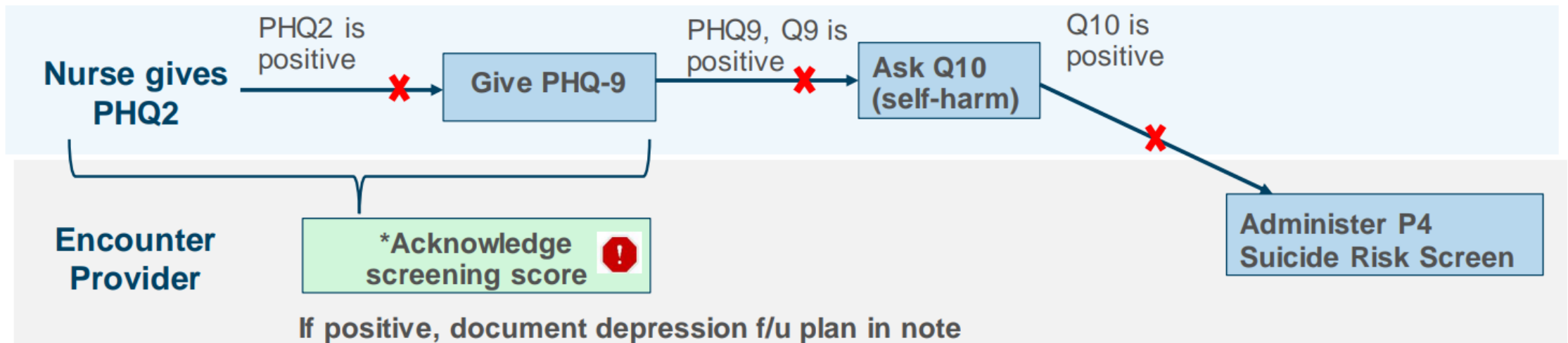


Pediatric ED- Transfer Volume December (final)



Outpatient Update

- **Starting February 4th:** BPA will fire to complete depression screening (once annually for ages 12+)





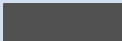

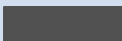
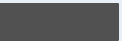

Depression screening supports Goal 3 for our outpatient clinics this fiscal year: standard rooming.

- It is unclear when the BPA will become an institution-wide requirement.
- Multiple specialties have expressed interest in initiating depression screening, including:
 - Child Neurology, DBL, Peds GI, Peds Pulmonary, Peds Rheumatology, Peds Urology
- UNC Children's leadership is working on some depression screening pilots in some of the specialties above, and trying to build associated resources such as Social Workers/Therapists.

Quality and Safety Updates



HAC Performance

HAC	Month most recent data available	Most recent month's data	UNC Children's Centerline	SPS Centerline	Our performance relative to SPS
CAUTI	December	10.15 	0.171	1.342	Better
CLABSI (exc. MBI)	December	0 	1.662	1.169	Worse
SSI	December	0 	0.000	2.065	Better
UE	December	1.382 	0.399	0.530	Similar
ADE (F-I)	January	0 	0.000	0.015	Better
Falls (Moderate injury or greater)	January	0 	0.000	0.018	Better
PI (Stages 3, 4, and unstageable)	January	0 	0.064	0.107	Better



TRUE NORTH

GLOBAL AIM

SMART AIM

KEY DRIVERS

SECONDARY DRIVERS

INTERVENTIONS

Eliminate CLABSIs

Achieve CLABSI rate lower than SPS centerline by mid-2025

Reduce CLABSI rate in Children's units by 25% from FY23 to FY24

Standardization of processes (default expectation)

Accountability for results

Data transparency and visibility

Line insertion standardization

Standardize interprofessional central line rounding

Sustain hygiene bundle and policy compliance

CLABSI prevention prioritized

Optimize CLABSI workgroup

Examine deep dive data

Share relevant report-out at meetings

- Increase use of low-risk lines
- Evaluate resources for PIV placement
- Evaluate PICC placement resources & standardize consult
- Increase use of midlines
- Adopt best practices for central line placement & line selection

- Standardize criteria for central line removal
- Develop Epic report for high/low risk lines
- Develop sustainable plan for incorporating high/low risk line data in central line rounds
- Develop unit-based central line rounding teams

- Standardize line securement
- Mandatory education for RNs
- Educate families on CLABSI prevention
- Standardization of line maintenance, inc. CHG
- Standardization of line access

- Leadership rounding on central lines
- Determine CLABSI-related goal(s) for all Children's SLTs
- Foster team-based mentality
- Physician engagement

- Evaluate CLABSI workgroup membership
- Optimize CLABSI workgroup agenda

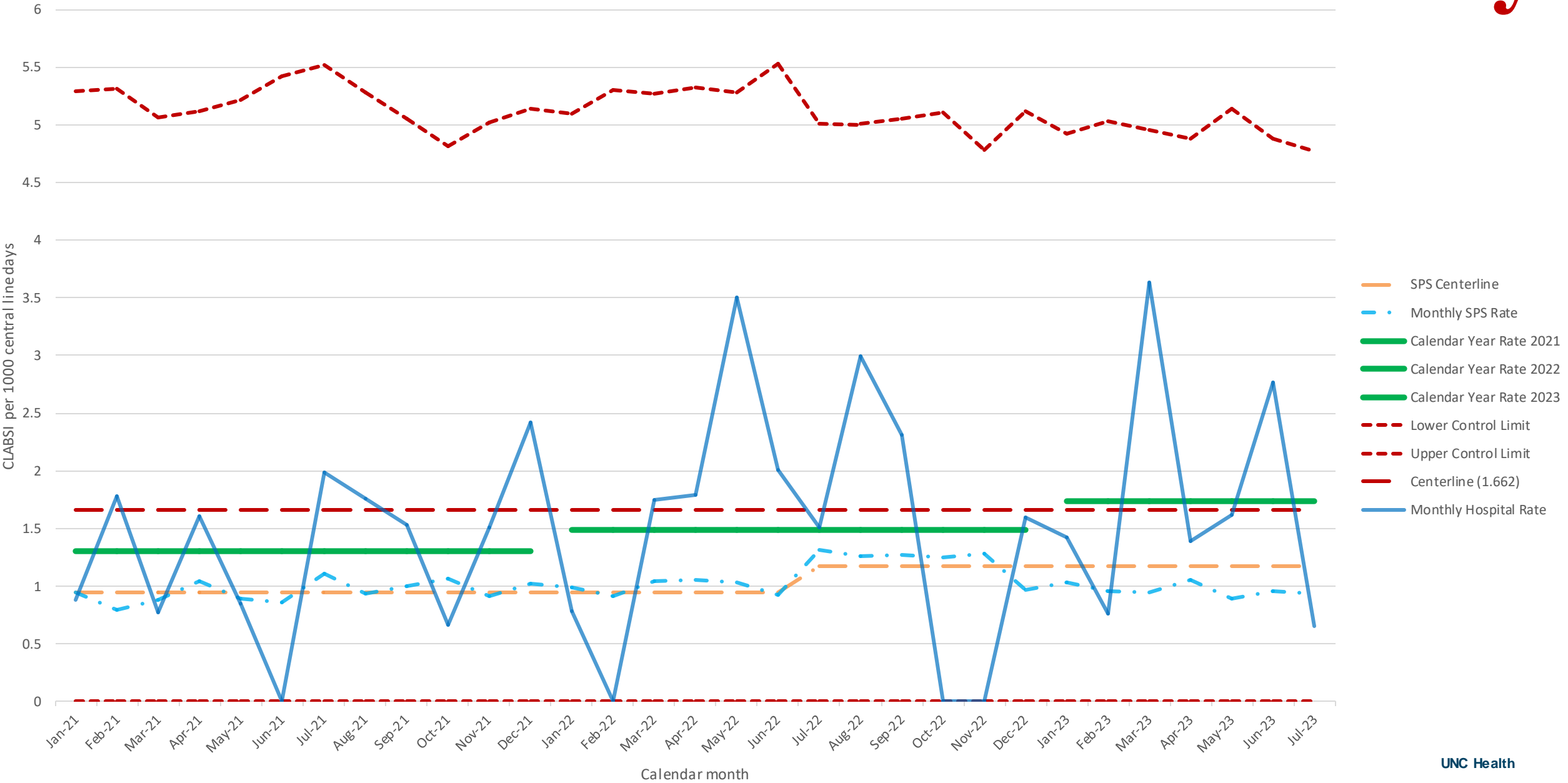
- Evaluate trends in deep dives
- Evaluate deep dive methodology

- Determine data display methodology
- Standardize sharing process & outcome data in real time
- Determine meetings & responsible parties for data review & report-out
- Identify resources needed for data analytics and interpretation support

—> Primary relationship
- - - - -> Secondary relationship

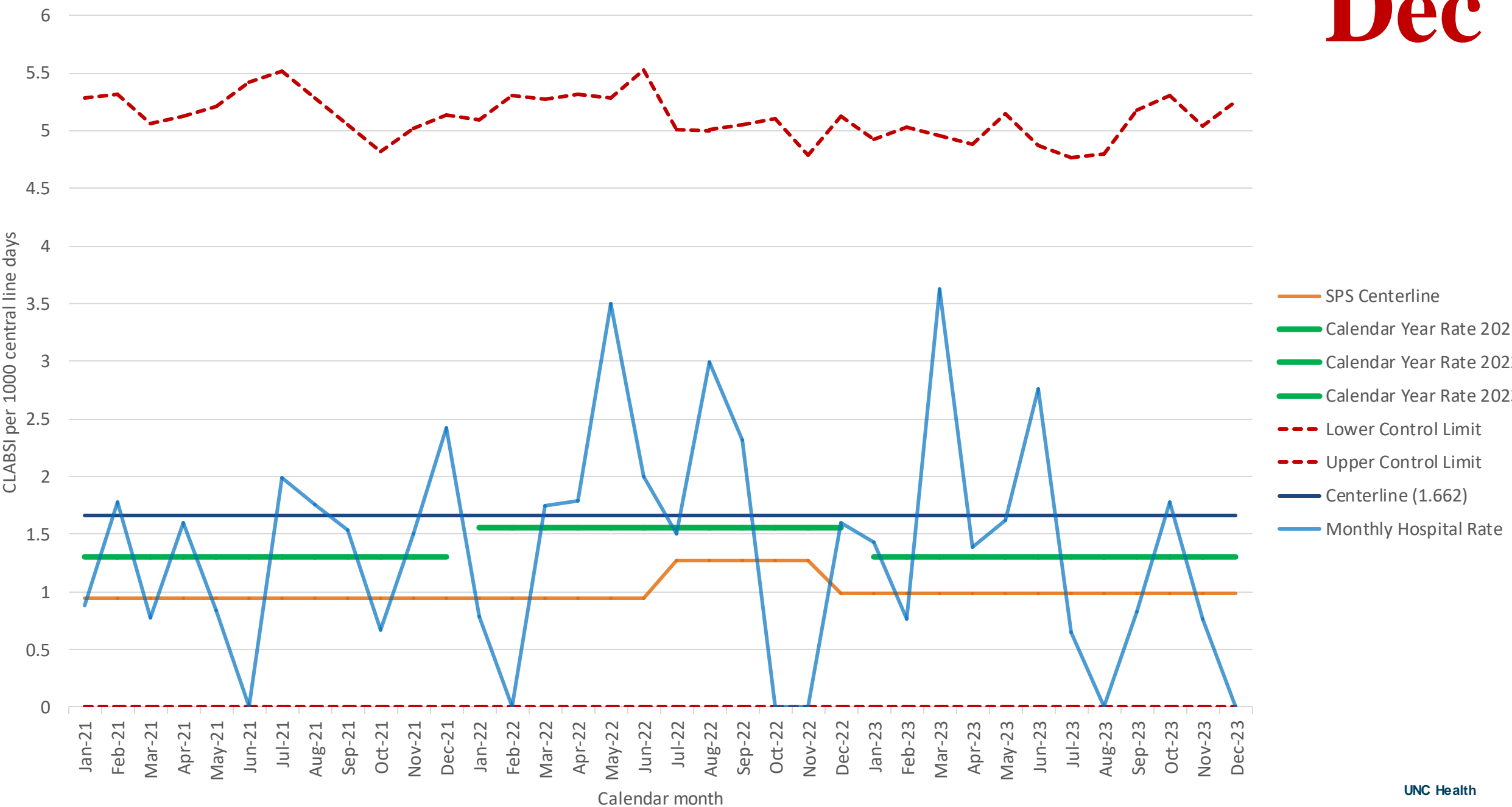
Central Line Associated Blood Stream Infections Rate excluding MBI's
January 2021–July 2023

July



Central Line Associated Blood Stream Infections Rate excluding MBIs (all Children's)

Dec



CLABSI Progress

Time period	Non-MBI CLABSI Rate per 1000 central line days
Calendar 2021 mean	1.306
Calendar 2022 mean	1.486
Calendar 2023 Jan–June	1.950
SPS Centerline	0.987
Post Initiative 2023 July–Dec	0.636

CLABSI Reduction

- **Last 6 Months**
- **33% < SPS Centerline (mean)**
- **> 3 X reduction from previous 6 months**
- **No additional resources**

Line Placement Standardization

- Express Workout held January 31
- Adoption of Michigan Mini-Magic for UNC
- UNC HEEL (Holistic Evaluation of Every Line)

US News & World Report Monthly Update Feb 2024



USNWR

- Survey completion process currently wrapping up.
- Submission deadline for upload completion:
February 23 @ 8pm
- Calendar 2024 support
- Potential Pick Ups:
 - Reputation
 - CLABSI

















USNWR Doximity Reminder



USNWR - CLABSI Rates

	2023-24	2022-23
Pediatric Cancer (PICU)	-2.71%	-1.03%
Pediatric GI/GI Surgery (PICU)	-4.00%	-3.00%
Pediatric Nephrology (PICU)	-3.98%	-2.98%
Pediatric Pulmonology (PICU)	-5.03%	-3.77%
Pediatric Cardiology/Heart Surgery (PICU)	-2.67%	-2.00%
Neonatology (NCCC CLABSI)	-2.22%	0.00%
Oncology/stem cell transplant CLABSI rate	-1.36%	-0.39%

CLABSI Data (Non-MBI)

Calendar Year 2022					Calendar Year 2023				
	CLABSI count	CLABSI rate	CLABSI SIR	USNWR Points	CLABSI count	CLABSI rate	CLABSI SIR	USNWR Projected points ¹	
PICU	9	2.76	1.92	1	5 	1.45 	1.00 	4	
NCCC	6	1.25	0.839	4	9 	1.58 	1.11 	3	
5CH	7	1.49	1.22	6	3 	0.74 	0.62 	10 ²	
6CH	0	0	NA	NA	3 	2.63 	2.34	NA	
7CH	1	0.85	NA	NA	1 	1.06 	0.92	NA	
All IP	23	1.56	1.19		21 	1.35 	1.037 	3 ³	

¹ If 2024-25 US News and World Report Pediatric Hospital Survey scoring remains consistent with 2023-2024 scoring

² Pediatric Cancer evaluated on both oncology/stem cell transplant patients CLABSI rates as well as PICU patient CLABSI rates = 15 out 15 points

³ Assuming new all Children's IP CLABSI will follow 2023-2024 CLABSI rate scoring for PICU and NCCC

Prioritization Ranking	Section	Survey Question	Description / % weighted points lost	Administrative Plan	Owner	Target Completion Date
1	Endocrine	C31d	Retinal Cameras – yearly eye evaluation of diabetics not hitting target rates (-0.9%)	Camera ordered for CMSC – expected 1/2024 FY25 – budgeted for additional camera for Raleigh Specialty Clinic ISD path forward	Melanie	August 2024
2	Neonatology	F24a F13.7	Children’s Hospital Neonatal Consortium participation. 54k fees paid for out of Division. Move to hospital budget Need abstractor (-6.4%)	Melanie to add fees and abstractor FTE to budget; Benny/Melanie – talk to Dr. Ivester	Melanie / Jessica	Budget by July 2024
3	All Pediatric Specialties	A28b	Number of LIP that have received flu vaccine... Answered 91.4%. Need >95% for max points (-2% for all 10 pediatric specialties)	Resolved for Calendar 2023 >95%	Benny	Complete
4	Endocrine	C32	DM1 - % seen 4X / year (62.3%). Hired additional faculty. Need increased support staff (-2.7%)	Melanie to talk to Jessica Simo about adding staff to her budget	Jessica	Budget by July 2024
5	Ortho	I15c I15f I15J	Need Nurse coordinator for points for coordination of: I15c. Skeletal dysplasia clinic I15f: Muscle disease clinic I15j Skeletal Health/metabolic bone clinic	Hospital clinic	Jessica	Budget by July 2024

Faculty Development Update



Award Overview: <https://www.med.unc.edu/aoe/awards/award-overview/>

Nominations can be submitted by any faculty, staff, and students from UNC SOM and surrounding AHEC sites. **The nomination cycle will run from January 17, 2024, through March 11, 2024.**

A completed nomination packet includes the following:

- A Nomination Letter from the Nominator (unless self-nominating*)
- A SOM formatted CV from the Nominee in PDF format
- A Letter from the Division Chief, Department Chair, or Center Director of the Nominee
- OPTIONAL Additional Letters of Support (one additional letter required if self-nominating*)



Teaching Award Nominations: <https://www.med.unc.edu/aoe/awards/teaching-awards-nominations/>



- The UNC Faculty Development Fellowship is a part-time non-clinical fellowship that includes 6 intensive weeks in Chapel Hill, NC spread out over one year with virtual learning and collaborative group work done in between. It is designed for early career faculty members with 3-5 years' experience who would like to advance their careers in the areas of teaching, scholarly work, quality improvement and leadership.
- The Faculty Development Fellowship at UNC has been running successfully for over 40 years and has graduated over 600 physicians, many of whom have gone on to be Residency Directors, Department Chairs, Deans, and leaders of national organizations.
- Each year, UNC accepts 16 fellows; approximately one third are from military settings, one third from academic institutions, and one third from community-based teaching practices. It is tuition based and applications are accepted on a rolling basis. Information and application instructions can be found at <https://www.med.unc.edu/fammed/education/fellows/fac/>

2024-2025 Program Dates:

Wednesday, June 5, 2024- Wednesday, June 12, 2024

Tuesday, September 24, 2024-Wednesday, October 2, 2024

Monday, March 3, 2025 – Friday, March 7, 2025

Monday, June 2, 2025 – Thursday, June 5, 2025

