



CANCER PREVENTION & RESEARCH
INSTITUTE OF TEXAS

Cancer Prevention Innovation Strategies and Opportunities around Patient Navigation



Moderator & Speakers



**Melissa Lopez Varon,
PhD, MS**

Moderator

*Program Director
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The University of Texas
MD Anderson Cancer Center*



Keith Argenbright, MD

*Director, Moncrief Cancer Center
The University of Texas
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Kathleen Schmeler, MD

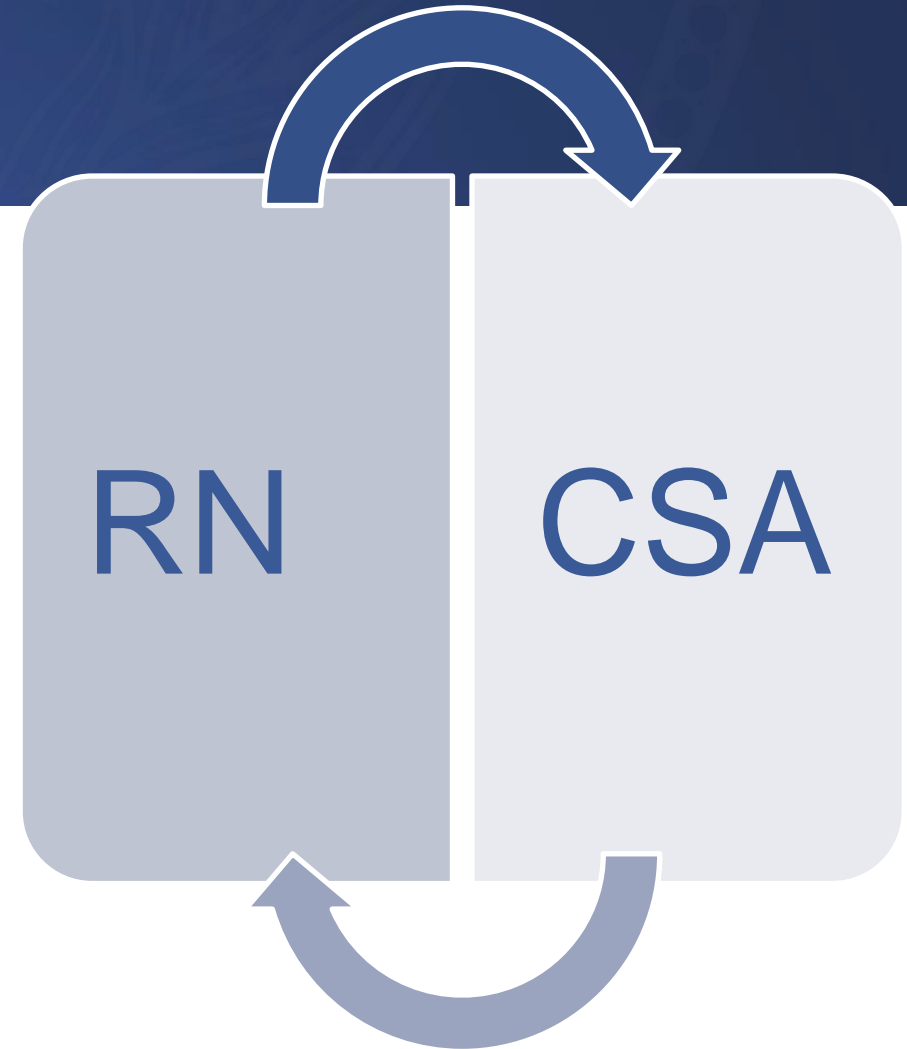
*Professor, Department of Gynecologic
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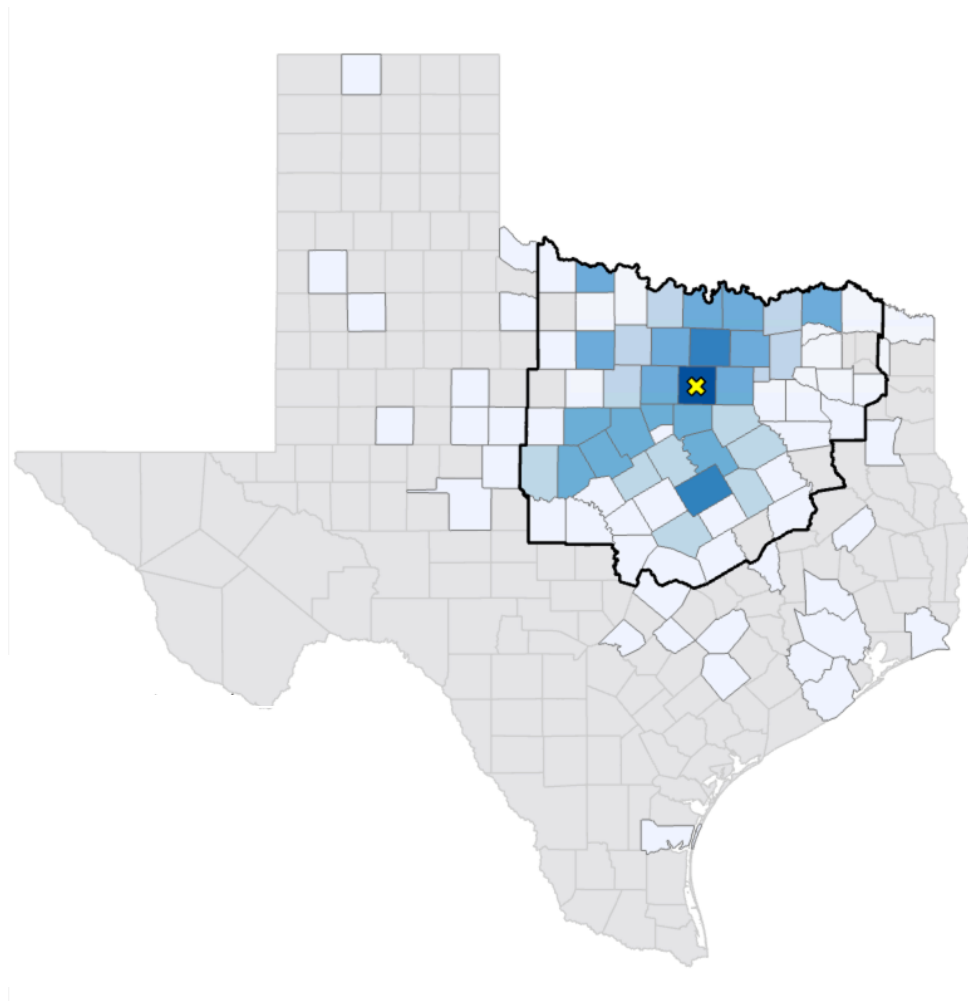
Keith Argenbright, MD, MMM
Director, Moncrief Cancer Institute
Professor, UT Southwestern Medical Center

Telephone-based Navigation

- Dedicated, paired delivery teams
- Bilingual (English/Spanish)



Centralized Support



**MCI navigators connect more than 10,000
Texans annually to clinical services across a
67-county service area**

By Disease Site

Breast

- Contacts/Patient: 5
- Time to DX: 18 days

Cervical

- Contacts/Patient: 20
- Time to DX: 5

Colorectal

- Contacts/Patient: 7
- Time to DX: 139 days

Lung

- Contacts/Patient: 5
- Time to DX: 43 days

Prostate

- Data collection in process

Cancer Stage at Diagnosis MCI vs. Texas

Cancers by Stage	MCI						Texas 2016-2020	
	2021		2022		Total		N	%
	N	%	N	%	N	%		
<i>All Cancers by Stage</i>	78		125		203		284,841	
Local	60	77%	104	83%	164	81%	133,282	47%
Regional	12	15%	19	15%	31	15%	68,907	24%
Distant	4	5%	1	1%	5	2%	53,265	19%
Unknown	2	3%	1	1%	3	1%	29,387	10%

2021

Disease Site	Cost by Cancer Stage*			Cost Savings		Program Savings		Total	2021 ROI
	Precursor	Local	Distant	P → L	L → D	P → L	L → D		
Breast	-	\$ 103,875.77	\$ 188,439.21	-	\$ 84,563.44	-	\$ 4,481,862.32	\$ 4,481,862.32	
Cervical	0	\$ 136,043.80	\$ 238,750.14	\$ 136,043.80	\$ 102,706.34	\$ 6,938,233.80	\$ 205,412.68	\$ 7,143,646.48	
Colorectal	0	\$ 131,654.05	\$ 223,550.80	\$ 131,654.05	\$ 91,896.75	\$ 6,714,356.55	\$ 275,690.25	\$ 6,990,046.80	
Lung	-	\$ 173,246.27	\$ 243,397.45	-	\$ 70,151.18	-	\$ 280,604.72	\$ 280,604.72	
Total	0	\$ 544,819.89	\$ 894,137.60	\$ 267,697.85	\$ 349,317.71	\$ 13,652,590.35	\$ 5,243,569.97	\$ 18,896,160.32	

2022

Disease Site	Cost by Cancer Stage*			Cost Savings		Program Savings		Total	2022 ROI
	Precursor	Local	Distant	P → L	L → D	P → L	L → D		
Breast	-	\$110,534.36	\$200,518.44	-	\$ 89,984.08	-	\$ 8,728,455.76	\$ 8,728,455.76	
Cervical	0	\$144,764.41	\$254,054.37	\$ 144,764.41	\$ 109,289.96	\$ 5,066,754.35	\$ 109,289.96	\$ 5,176,044.31	
Colorectal	0	\$140,093.27	\$237,880.73	\$ 140,093.27	\$ 97,787.46	\$ 5,743,824.07	\$ 195,574.92	\$ 5,939,398.99	
Lung	-	\$184,351.61	\$258,999.58	-	\$ 74,647.97	-	\$ 373,239.85	\$ 373,239.85	
Total	0	\$ 579,743.65	\$ 951,453.12	\$ 284,857.68	\$ 371,709.47	\$ 10,810,578.42	\$ 9,406,560.49	\$ 20,217,138.91	

Keys to success

Cultural competence at patient and provider levels

Relentless follow-up to ensure clinical resolution

Centralized data management

Single ordering provider (Dr. Argenbright)

All results documented in UTSW EPIC regardless of performing provider

Multicomponent intervention to increase cervical cancer screening and early detection of preinvasive disease in Medically Underserved Areas (MUAs) of Texas

Kathleen Schmeler, MD
Professor Gyn Oncology & Reproductive Medicine
Associate VP, Global Oncology, Cancer Network

*The University of Texas MD Anderson Cancer Center
October 3, 2023*

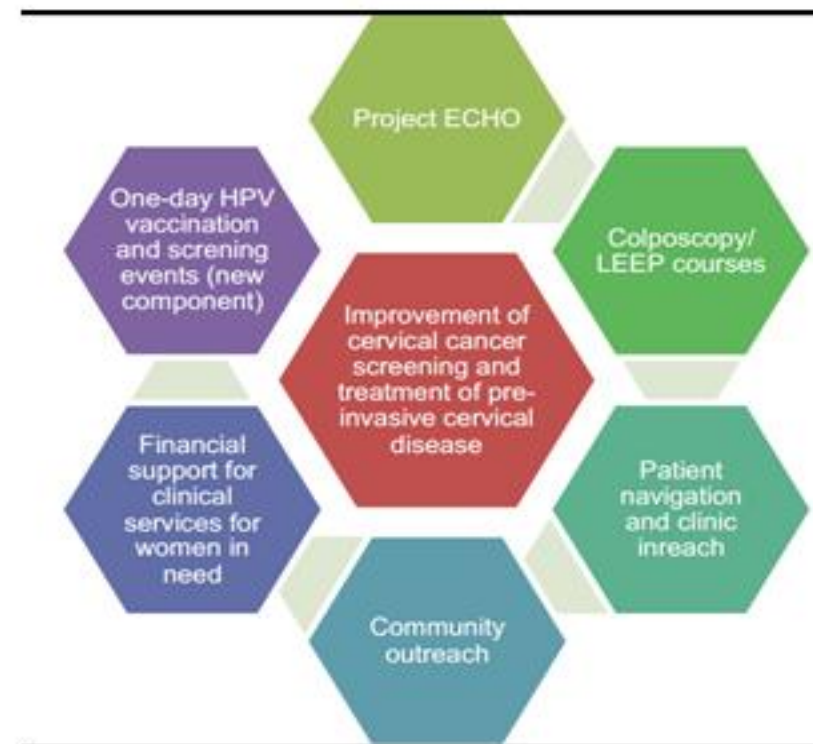


PROJECT ACCESS: Increasing Access to Cervical Cancer Screening & Treatment Services in Texas

Specific Goal 1: Increase cervical cancer screening rates in MUAs through clinic in-reach and community outreach educational programs coupled with patient navigation services.

Specific Goal 2: Increase local capacity to deliver evidence-based cervical cancer prevention services through professional education, training and support of local providers in MUAs

Summary of program components



In-Reach Activities:

- Educating women in participating clinics (in waiting areas of primary care clinic, pediatric clinic, etc.)
- Identifying and recalling women past due for screening, educating on importance of screening and assisting in making appointments

Outreach Activities:

- Attending community events, back to school events and health fairs to provide education about cervical cancer screening and HPV vaccination

Data Collection:

- Monthly REDCap surveys are sent to navigators to capture the number of individuals educated, reached, navigated, screened, as well as colposcopies and LEEPs performed



SUPPORT FOR NAVIGATORS

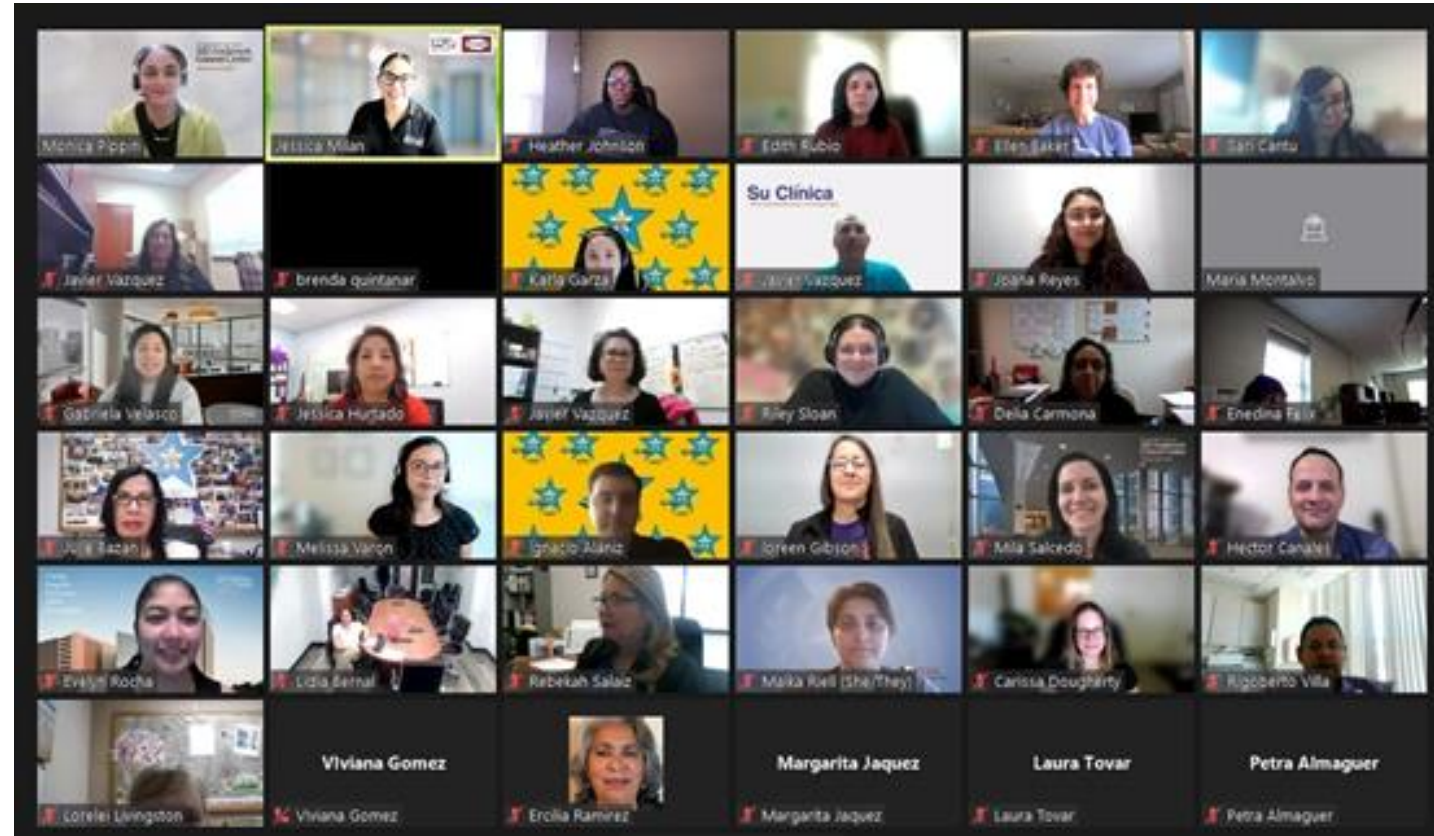
- Hired a Program Manager at MD Anderson to support the Navigators at the participating clinics (Monica Pippin)
- Provide position descriptions and support recruiting of a Navigator for each clinic
- Perform onboarding and ongoing training via ZOOM for all Navigators
- Manual of Operating Procedures developed and provided to each Navigator
- Program Manager holds regular 1-1 meetings with each Navigator to discuss barriers/resources

CAPACITY BUILDING:

- PEN ECHO: Navigators have the opportunity to present cases
- Navigation Workshops offered 1-2x a year

PATIENT EDUCATION & NAVIGATION (PEN) ECHO

- Telementoring program for Navigators
- Monthly meetings via zoom
- Case presentations and didactic lectures
- Cervix, breast and colorectal cancer
- Partnership with AHEC and HRSA
- Launched February 2023 (7 sessions held)
- Average of 34 participants per session
- 34 different counties have been represented



PATIENT NAVIGATION WORKSHOPS

Topics discussed:

- Communication strategies for building effective relationships
- Motivational interviewing
- Tracking abnormal results
- Finding community resources
- Addressing barriers when scheduling patients
- Navigation for individuals with abnormal results
- Managing care for patients with abnormal screening results (mock cases)
- Data entry/tracking

September 2022, Tyler, TX:

- 8 navigators participated

April 2023, Corpus Christi, TX:

- 15 navigators participated



OUTCOMES (SEPT 2022- SEPT 2023)

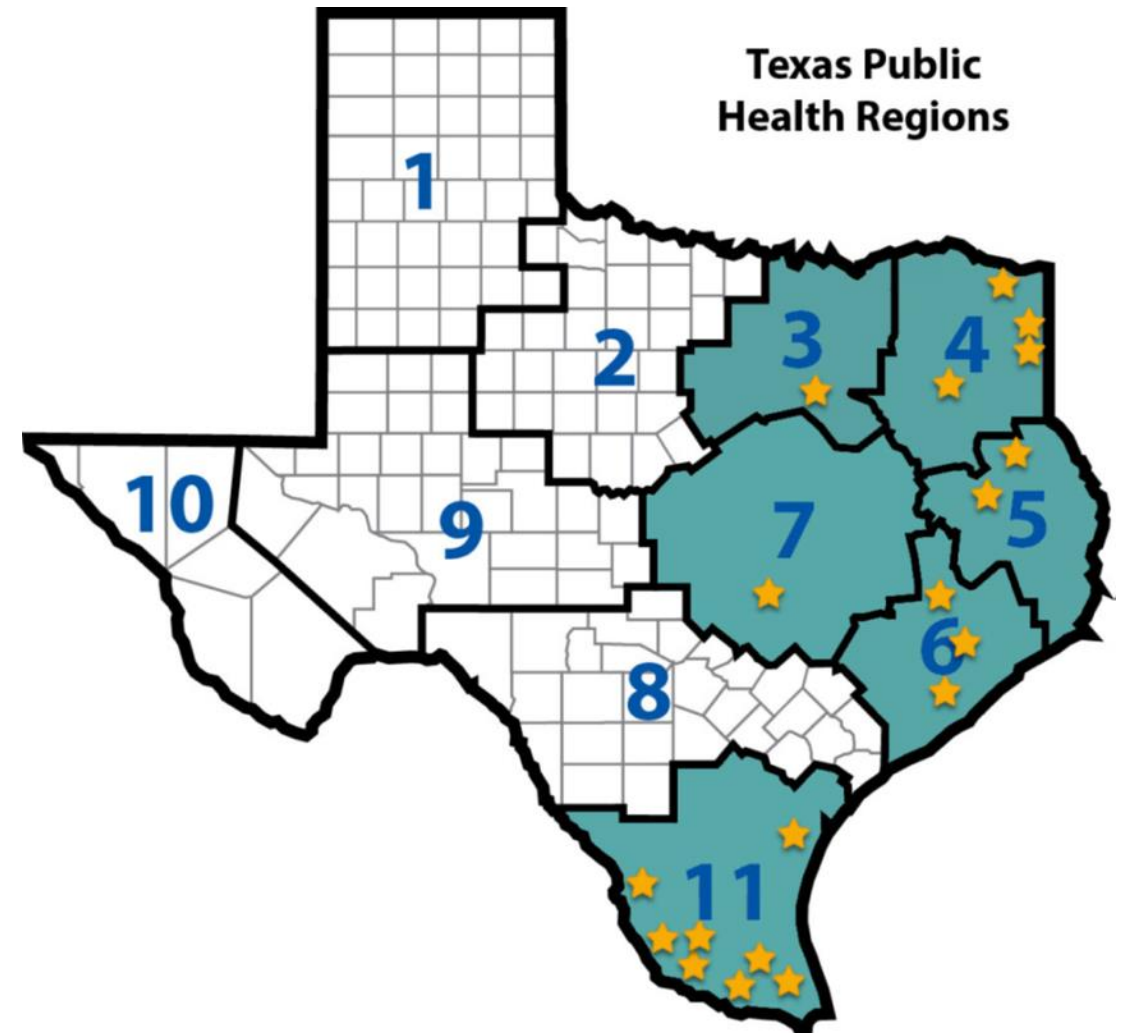
Currently have 7 Navigators across Texas

The Navigators have:

- Educated: 53,938
- Reached: 29,016
- Navigated: 15,546

Assisted with the navigation for patients:

- Screened Pap/HPV: 11,212
- Colpo: 443
- LEEP: 80



Thank You!





Questions?



THANK YOU

VI INNOVATIONS

In Cancer Prevention and Research Conference



CANCER PREVENTION & RESEARCH
INSTITUTE OF TEXAS

Coming up after the break:

- Cancer Survivorship: Biomarkers and Toxicity, Reducing Long Term Effects
Expo Hall A4
- Product Development Research from CPRIT Peer Reviewers' Perspective
Floral Hall B
- Future of the CPRIT Prevention Program
Floral Hall A

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