

Comprehensive Cancer Center



Mission

A fully integrated cancer center that tackles the cancer burden of a diverse and expanded catchment area through innovative, relevant cancer research; increasing access to high-quality cancer care and clinical trials; trustworthy engagement and outreach; and meaningful pipeline programs that foster workforce diversity, equity, and inclusion.

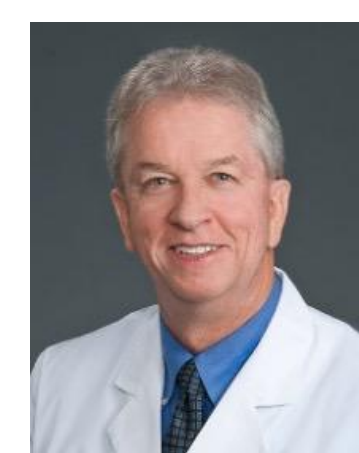
Leadership



Ruben A. Mesa, MD, FACP
President, Enterprise Cancer Service Line
Executive Director, Atrium Health Wake Forest Baptist Comprehensive Cancer Center
Enterprise Senior Vice President, Atrium Health
Vice Dean for Cancer Programs, Wake Forest University School of Medicine
Professor of Medicine, Wake Forest University School of Medicine



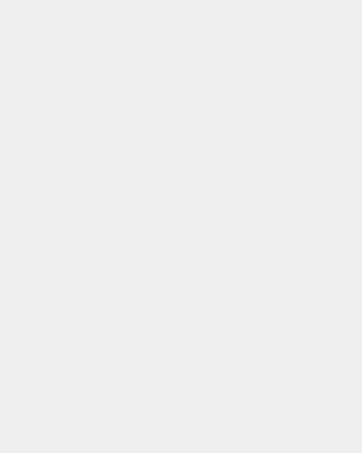
M. Jennifer Kim, MBA
Associate Director, Administration



Lenore O. Miller, PhD
Associate Director, Basic Sciences



Bayard Powell, MD
Associate Director, Clinical Research



Kourosaké Watabe, PhD
Associate Director, Shared Resource Management



Kate Weaver, PhD
Associate Director, Population Sciences



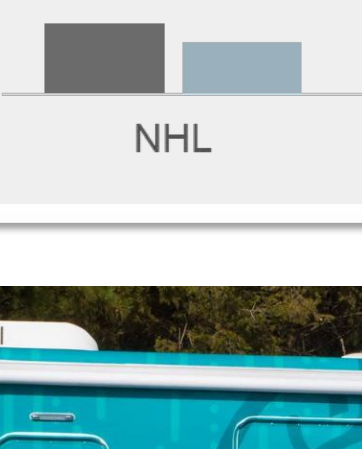
Todd M. Barnward, MBA, MPH
Senior Vice President, Clinical Operations



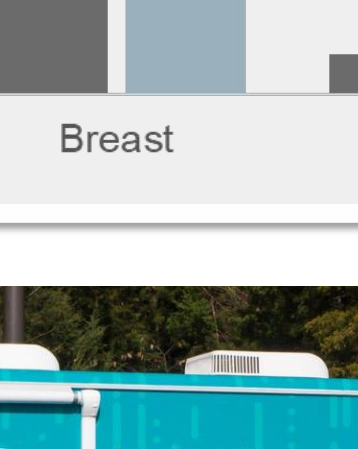
Dawna Field, BSN, MBA
Interim Senior Vice President, Levine Cancer Institute



Matthew Davis, PhD, MD, RN
Enterprise Senior Vice President, Nursing and Pharmacy



Shio Herring, DNP, RN, NEA-BC
Vice President and Regional Chief Nursing Executive



Philip J. Butler, MBA
Assistant Vice President, Clinical Trials



Brinda Clump, MBA, MSN, RN, NE-BC
Assistant Vice President, Nursing, Central & Western Region Operations



Carol Fahrigar, PhD, MBA
Assistant Vice President, Tissue Procurement & Translational Research



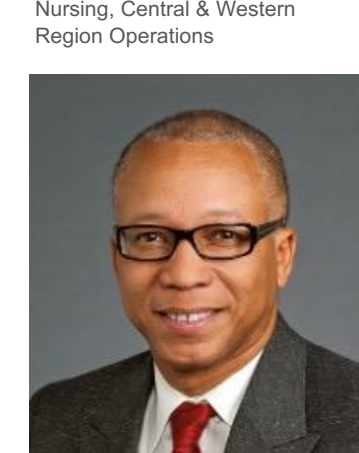
Leann Kehrer, MHA, FAACHE
Assistant Vice President, Operations



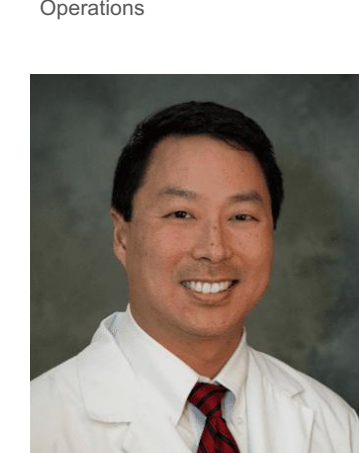
Tomlin Murphy
Assistant Vice President, Radiation Oncology



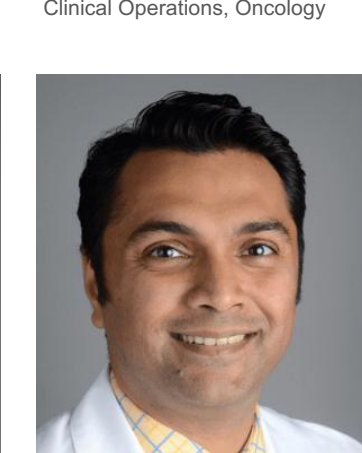
Carla Sims, MBA
Associate Vice President, General Operations, Oncology



A. William Blackstock Jr., MD
Chief, Radiation Oncology



Stuart H. Burn, MD
Chief, Radiation Oncology, Levine Cancer Institute



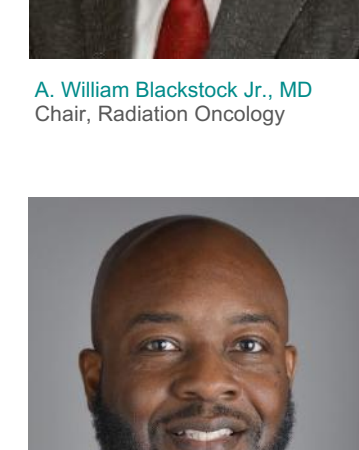
Jean Chai, MD
Administrative Physician-in-Chief, Levine Cancer Institute



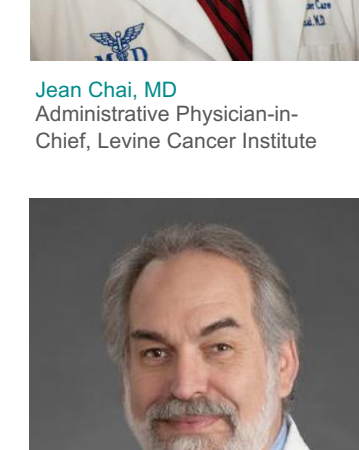
Peter Clark, MD
Chief, Oncology, Levine Cancer Institute



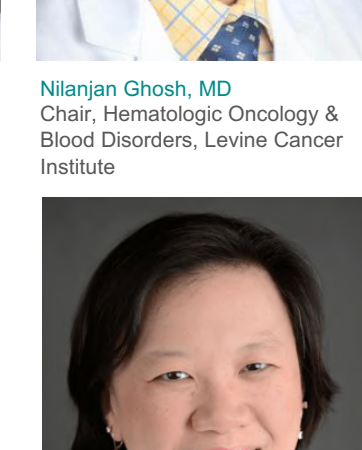
Manjari Ghosh, MD
Chief, Hematology/Oncology & Blood Disorders, Levine Cancer Institute



Carole Hampton, PhD
Chief, Oncology Support Services, Levine Cancer Institute



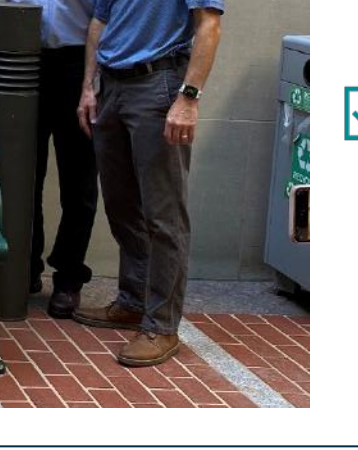
Diana Howard, MD
Chief, Executive Director, Oncology Service Line



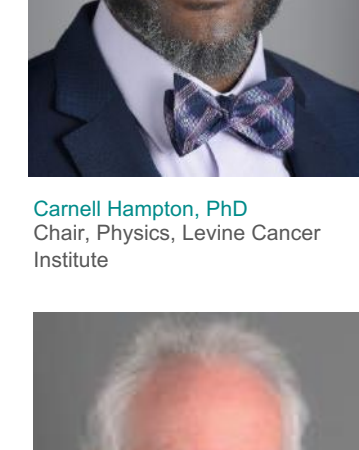
Edward A. Levine, MD
Executive Director, Surgical Sciences, Oncology



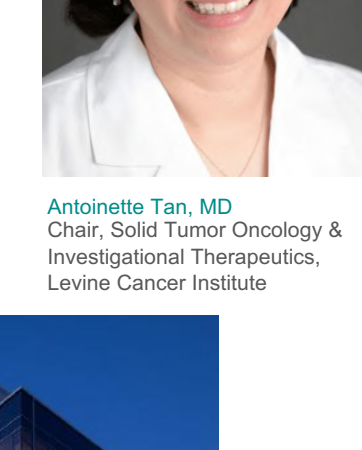
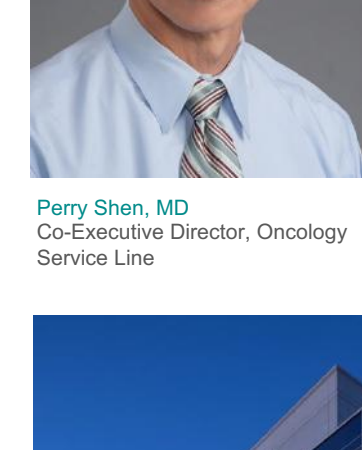
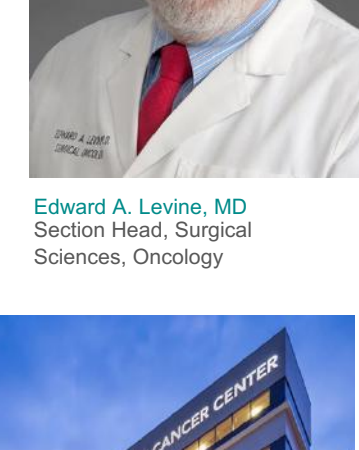
Perry Shen, MD
Co-Executive Director, Oncology Service Line



Antoinette Tan, MD
Chief, Solid Tumor Oncology & Investigational Therapeutics, Levine Cancer Institute

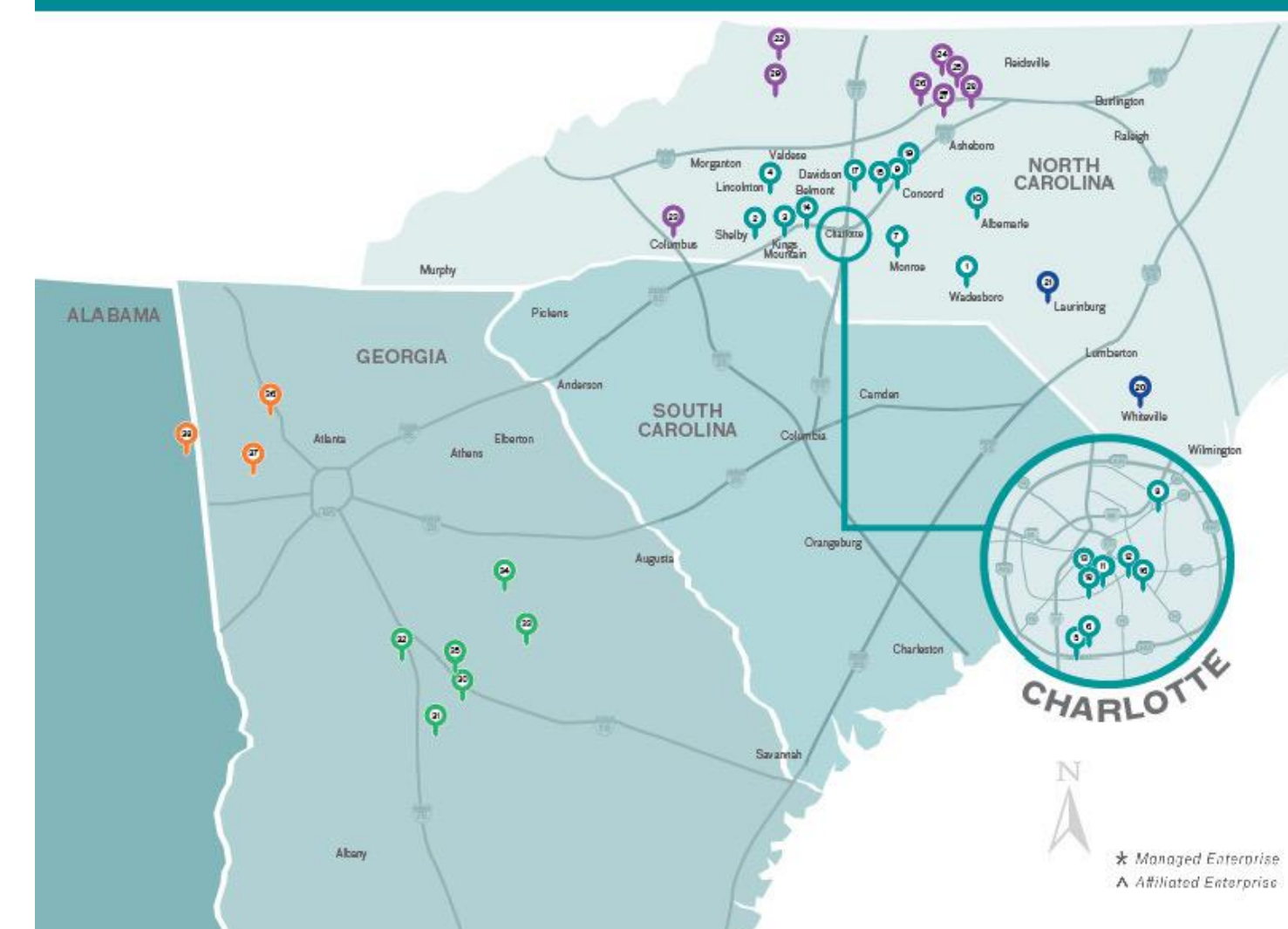


Debra Walsh, MD
Chief, Oncology Support Services, Levine Cancer Institute



Cancer Care Impact

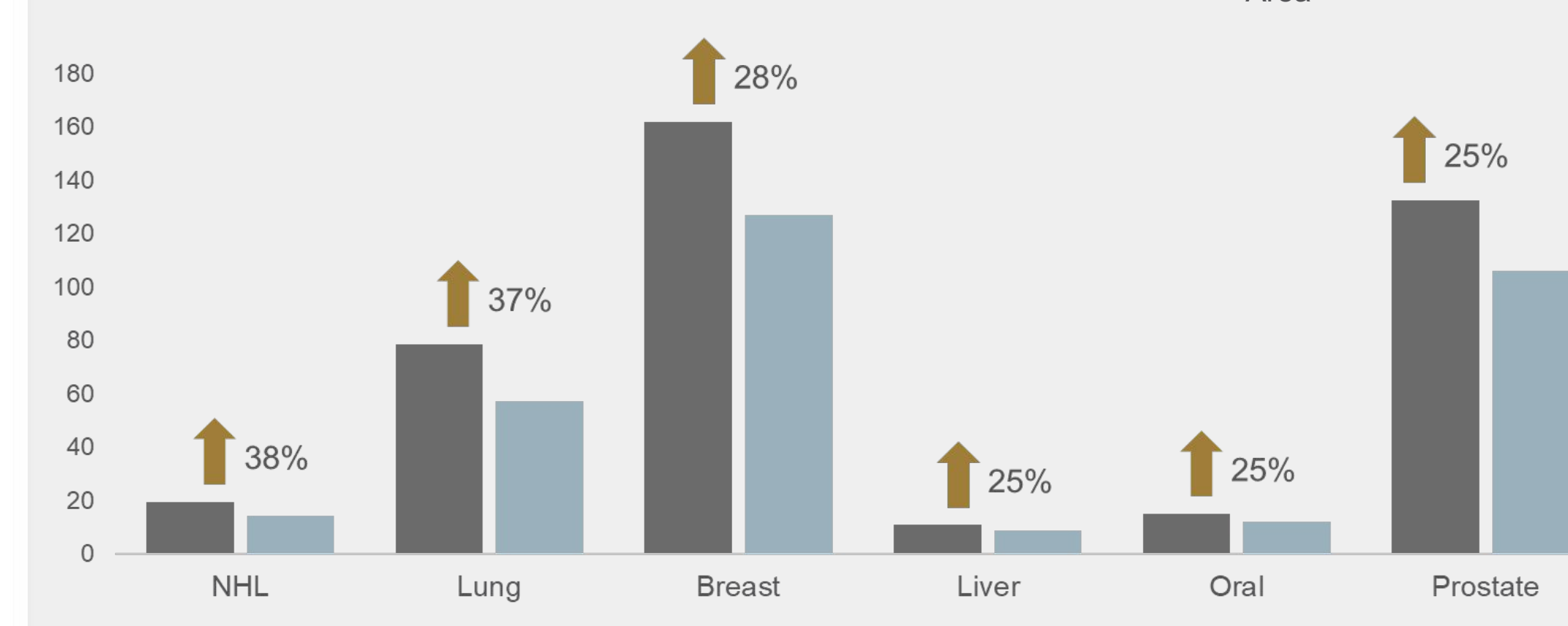
2022 Facilities & Locations



- 1 NCI-Designated Comprehensive Cancer Center (1 of 53 nationally)
- 160 scientific members
- 39 Academic Departments of Wake Forest University represented
- 1 NCORP Research Base (1 of 2 NCI-designated cancer centers with NCORP-RB)
- 9 Shared Resources

4 Scientific Research Programs | 1.5M ft² + Physical Research Space | \$32M + Peer Reviewed Research Funding

Our Cancer Burden



- 530 clinical trials accruing patients
- 1,000+ patients in interventional trials
- 600+ clinicians and researchers
- 20,000+ new cancer cases annually

Research Priorities

- Precision Medicine
- Tobacco
- Health Disparities
- Treatment Resistance & Recurrence
- Survivorship

13 Disease-Oriented Teams (DOTs)

- Brain
- Breast
- Cancer Control Survivorship
- GI
- GU
- Gyn
- Head & Neck
- Hem Malignancies
- Lung
- Melanoma
- Peds
- Sarcoma



Under 55 Lung Bus Study

Opening 2023 New Radiation Therapy Facility in Charlotte

Featuring proton beam therapy and gamma knife radiosurgery for children and adult patients with complex tumors



Training the Next Generation of Cancer Researchers



863 total trainees in 2022

43 residents and fellows across 14 programs

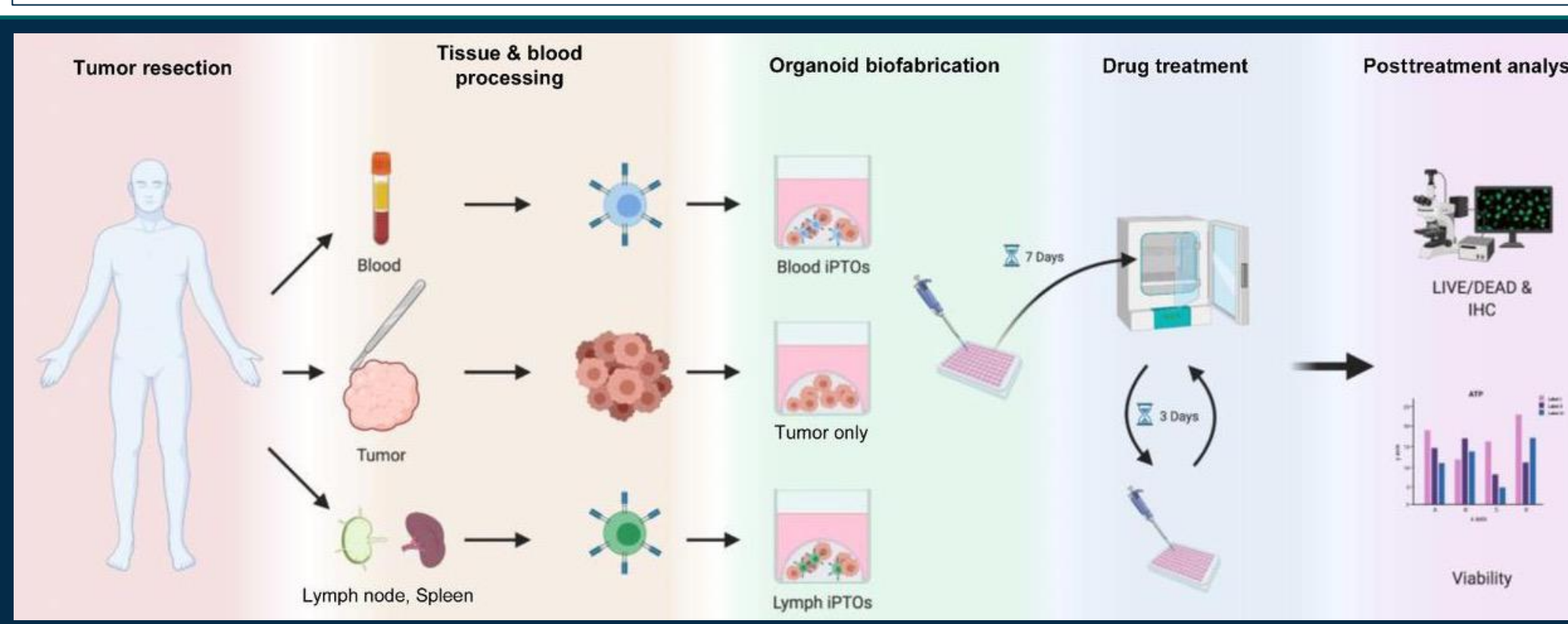
Adolescents and Young Adults (AYA) Oncology Program

Bridging the gap between pediatric and adult cancer care

1 of 43 hospital partners

Organoid Research

Leveraging tumor organoid technology for the transformation of cancer care, at the level of the individual patient.



Organoid workflow diagram. Incorporating patient-matched immune system into tumor organoids, followed by immunotherapy testing and analysis. Forsythe S, Erall RA, Sasikumar S, Laney P, Shekoy E, D'Agostino R Jr (NRO), Miller LD (CGM), Shen P (SBT), Levine EA (CGM), Soker S (SBT), Votanopoulos KI (SBT). Organoid Platform in Preclinical Investigation of Personalized Immunotherapy Efficacy in Appendiceal Cancer: Feasibility Study. *Clinical cancer research: an official journal of the American Association for Cancer Research*. 2021 Sep; 27(18): 5141-5150. doi: 10.1158/1078-0432.CCR-21-0982. PMID: 34210684.

Research Project Spotlight

Using Embedded Pragmatic Clinical Trials to Evaluate Digital Health Interventions for Cancer Screening

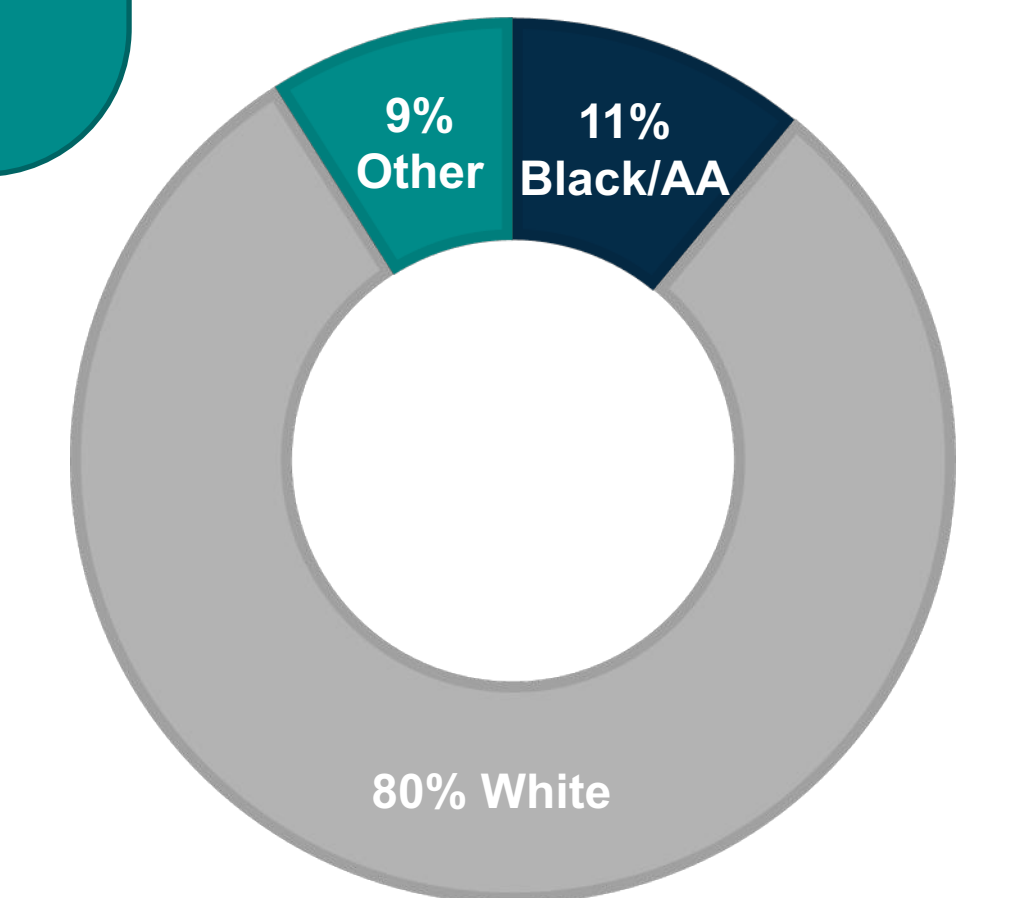
Colorectal cancer screening program used in over **60,000** patient encounters, **doubles screening rates**



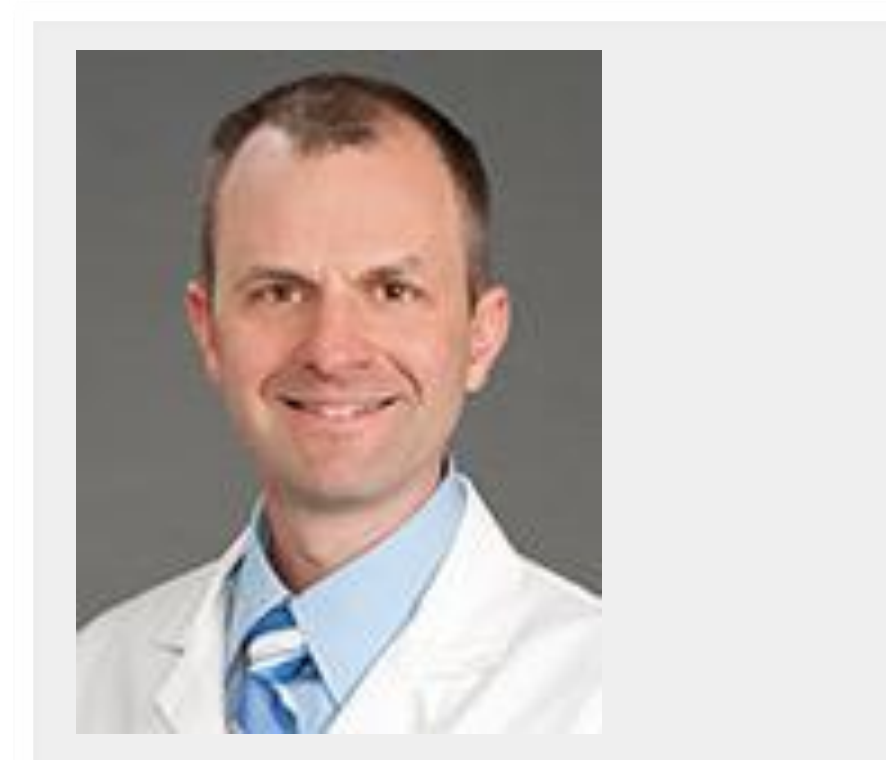
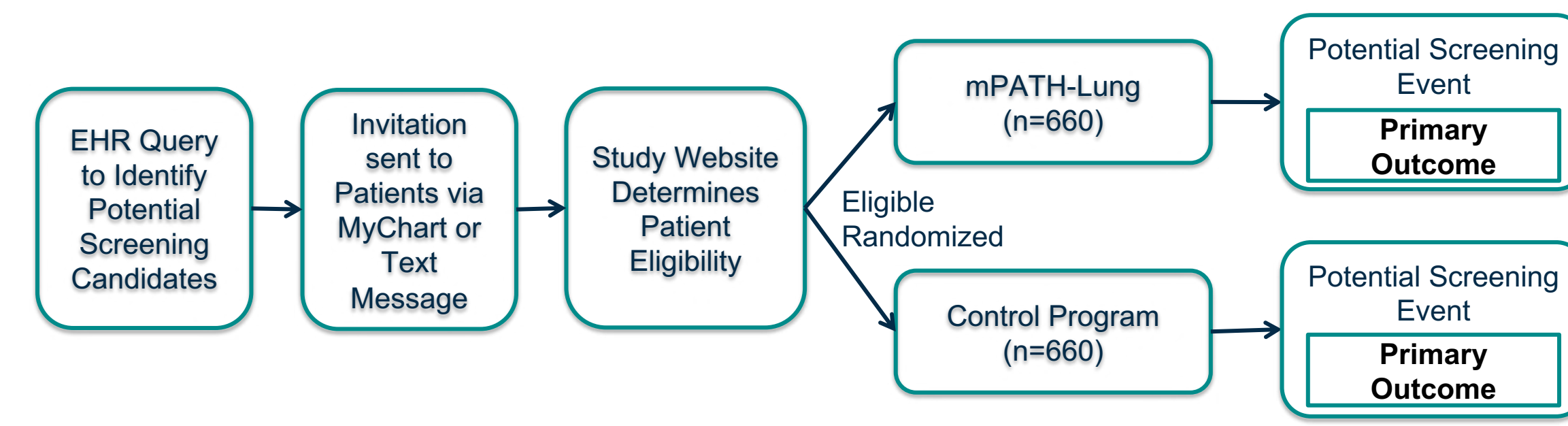
mobile Patient Technology for Health



Average Age **60.2** yrs



Expanded to Lung Cancer Screening in 2022



Dave Miller, MD, MS
Principal Investigator
R01CA218416
R01CA237240

Over **3,000** visitors of mPATH™ – Lung
71% completed eligibility criteria
42% randomized

Recently licensed to Digital Health Navigation Solutions, Inc., DHN Solutions will be developing additional mPATH™ modules for other preventive and chronic care needs.