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	Professional Highlights	
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	3. Dr. Somasundaram is a tumor immunologist and clinical trialist	
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	Professional Highlights	
	Dr. Somasundaram is a tumor immunologist and	
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	2. He has an interest in the treatment of GI cancers	

Professional Highlights

- 3. Dr. Somasundaram is a tumor immunologist and clinical trialist
- 2. He has an interest in the treatment of GI cancers
- 1. He has a scientific interest in the role of systemic inflammation shaping the tumor microenvironment

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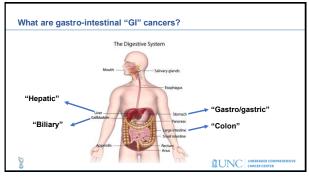
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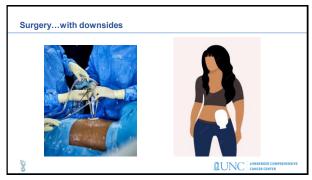




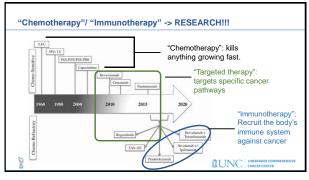
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How do patients usually come to see me?

- · Colonoscopy screening
- · From a hospital admission
- · From a local surgeon after surgery
- From another medical center -> usually for clinical trials

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LINEBERGER COMPREHENS

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Chances of surviving Colon cancer in 1970s Chances of surviving Colon cancer now Chances of surviving Colon cancer now

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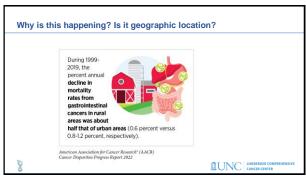
How does this differ by race?

More cases, and deaths in Black patients along with worse disease when found.

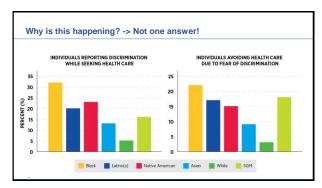
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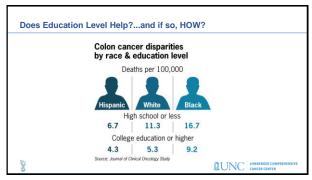
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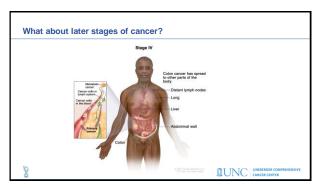


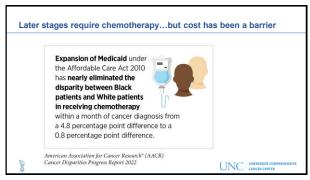




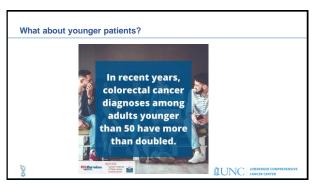


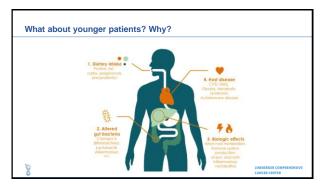


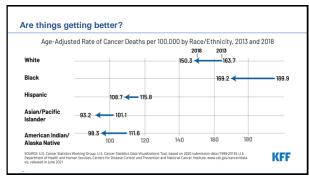




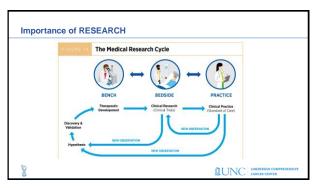
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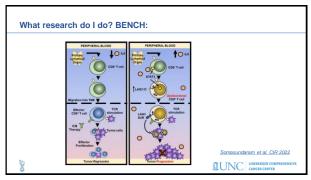


What research do I do?

- BENCH: I take tissues and cells from patients and donors receiving therapy or on clinical trials and I experiment on the tissue to determine why their tumors died or survived and how their immune system attacked the cancer or failed. I then verify what we find in mice or cell lines.
- BEDSIDE: I design and run clinical trials where we use the science done in the lab to find new drugs and targets and see if they work in patients.
- PRACTICE: I work with our public health researchers to ensure that we are providing quality care to everyone and that no one is missed or lacking in treatment due to race, gender, age, etc.

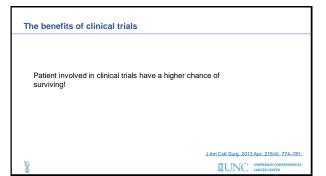
LINEBERGER COMPREHENSIVE CANCER CENTER

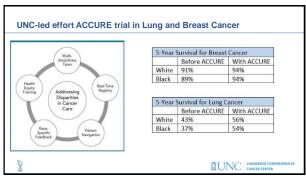
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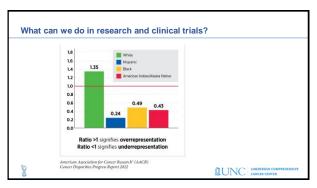
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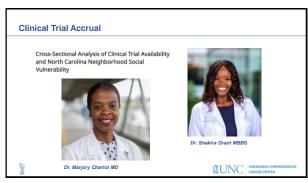






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Exploring Cancer Examining the Role of Biology, Race, Class, and Socioeconomics

Exploring Cancer is a webinar series taught by cancer biologists, physicians, public health experts, and other cancer specialists from NCCU, UNC-Chapel Hill, and NC A&T.

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Exploring Cancer Examining the Role of Biology, Race, Class, and Socioeconomics **Upcoming Live Webinar**

Live October 13 11:00 AM

Breast Cancer Health Disparities



Checo Rorie, PhD Chair of the Department of Biology Associate Professor of Genetics, Department of Biology College of Science and Technology North Carolina Agricultural and Technical State University

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Exploring Cancer Examining the Role of Biology, Race, Class, and Socioeconomics

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