



## Multinational Lung Cancer Control Program in Sub-Saharan Africa (MLCCP): Improving access to lung cancer detection, diagnostics & quality care in Swaziland, Tanzania, Kenya and South Africa

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Bristol-Myers Squibb Foundation  
**Specialty Care for  
Vulnerable Populations**  
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**Bridging Cancer Care**<sup>™</sup>  
*Community Awareness, Prevention and Care*

# Project Goal and Overview

- ❖ To improve access to early diagnostic services for lung cancer by addressing the barriers of cancer care through working with communities and the Ministries of Health in the identified regions in the four countries with a potential for scale-up.

# Key Results to Date: Capacity Building

- MLCCP provided enormous opportunity for capacity building – our gratitude to BMSF
- Achieving project objectives versus capacity building:
  - ✓ Are they mutually exclusive?
  - ✓ Can they both be achieved or one should give in?
- The following were considered:
  - ✓ Employ salaried Research Assistants/ Fieldworkers
  - ✓ Recruit students who need to get on the rolling project, no contractual obligations
  - ✓ Recruit students and offer them scholarships (for living expenses)
- In the end, we employed a blended approach (staff/student in unison)

## South Africa project covers the following four sub-projects;

PROJECTS	TITLES
1	Raising awareness on lung cancer in the communities of KwaZulu-Natal, South Africa and evaluating the impact of oncological services on cancer among the three hospitals in KwaZulu-Natal. <b>(PhD)</b>
2	To conduct a needs assessment in order to identify facilitators and barriers to lung cancer patient access, referral, diagnosis and treatment in the study settings. <b>(4 MMedSci)</b>
3	Assessing the risk factors associated with lung cancer in the study settings <b>(2 MMedSci)</b>
4	Assessing the factors determining progressive utilization of palliative care services by patients with cancer (at Public and private sectors) <b>(3 MMedSci)</b>

# The Blended Approach: Why this approach?

- Academia meets work experience needed by the job market
- Feeds into UKZN's vision of being a research-led University of African scholarship
- Creates awareness to the importance of evidence-based interventions
- Creates appetite for academia to fill the gap left by ageing academics
- Contributes to the knowledge economy agenda
- Creates a platform for career mapping
- Creates an opportunity for soft skills
- Creates an enabling platform for coaching and mentorship

# Key Challenges and Lessons Learned

- Institutional regulatory framework versus the approach (what comes 1<sup>st</sup>, staff or student?).
- Individuals who lack insights into the overall vision of the approach.
- Individual developmental/ capacity-building needs – customization
- Highlights:
  - ✓ Consideration of this approach by some Partners, either for Project Leaders or for their Staff.
  - ✓ Approach used by UKZN PI Team for a University-wide Peer-Mentorship Programme.
  - ✓ UKZN has just launched a Mentorship Development Programme with MLCCP PIs on board.



# Back Up Slides



# Project progress to date (1)

Project	Project Leader *	Allocated Student	Research Title (For Degree Purpose)	Achieved
<b>Project 1:</b> Raising awareness on lung cancer and quantify the true burden of lung cancer in KZN	SD	Siyabonga Dlamini (Co-PI & PhD student)	Effectiveness of a Lung Cancer Awareness Intervention In KwaZulu-Natal (KZN): A Stratified Cluster-Based Study In Five Representative Communities.	<ul style="list-style-type: none"> <li>- 1 manuscript under review</li> <li>- Data collection stage</li> <li>- Community awareness ongoing</li> </ul>
<b>Project 2:</b> Conducting a needs assessment in order to identify barriers to lung cancer patient access, referral, diagnosis and treatment in the study settings	KH	Ugochinyere Nwagbara (MMedSci)	The Pathways of Care for Lung Cancer Patients in Africa from Diagnosis to Palliation (Systematic scoping review)	<ul style="list-style-type: none"> <li>- 3 Manuscripts under review (2 awaiting final decision)</li> <li>- Dissertation under examination</li> </ul>
		Buhle Lubuzo (MMedSci)	Health Providers' Perspectives on the Barriers and Priorities to Lung Cancer Patient Access, Diagnosis, Referral and Treatment in KwaZulu-Natal, South Africa	<ul style="list-style-type: none"> <li>- Graduated Cum Laude</li> <li>- 3 Manuscripts under review</li> <li>- Presented to BMSF Partners</li> </ul>
		Sinenhlanhla Zondo (MMedSci)	The Intrinsic & Extrinsic Factors Affecting Patient Access, Referral and Treatment of Lung Cancer in Selected Oncology Public Health Facilities in KZN	<ul style="list-style-type: none"> <li>- Dissertation write-up</li> <li>- 2 manuscripts in development</li> </ul>
<b>Project 3:</b> Assessing the risk factors associated with lung cancer in the study settings	NJ	Mpho Motlana (MMedSci)	The Epidemiological distribution of cancer in KwaZulu-Natal	<ul style="list-style-type: none"> <li>- Mid-way with data collection</li> <li>- &gt;3000 record extractions</li> </ul>
		Noluthando Mbeje (MMedSci)	The burden of lung cancer and associated risk factors in KwaZulu-Natal	<ul style="list-style-type: none"> <li>- Data collection +90% complete</li> <li>- Write-up + manuscripts underway</li> </ul>



# Project progress to date (2)

<b>Project 4:</b> Assessing the factors determining progressive utilization of palliative care services by patients with cancer (at Public and private sectors)	<b>TG</b>	Minenhle Dlamini (MMedSci)	Factors influencing palliative care among patients with cancer and palliative health care providers.	<ul style="list-style-type: none"> <li>- Data analysis &amp; write-up</li> <li>- Manuscript development underway</li> <li>- 35 CCGs trained on Palliative Care</li> <li>- 2 manuscripts at advanced stages</li> </ul>
		Nkosinathi Mncwabe (MMedSci)	An Ethnographic study Exploring Cancer Patients Experiences of living with cancer illness in Palliative care and support group settings in KwaZulu- Natal.	<ul style="list-style-type: none"> <li>- Data analysis &amp; write-up</li> <li>- Manuscript development underway</li> <li>- 2 Support Groups established</li> <li>- 2 Support Groups strengthened</li> </ul>
<b>Additional Projects</b>	<b>KH</b>	Phindile Mlaba (MMedSci)	The Psychosocial and Perceived Economic Experiences of Families Caring for Members Living with Cancer in KwaZulu-Natal	<ul style="list-style-type: none"> <li>- Data analysis &amp; write-up</li> <li>- 1<sup>st</sup> Manuscript at final draft</li> <li>- 2<sup>nd</sup> Manuscript at 1<sup>st</sup> draft</li> </ul>
	<b>TG</b>	Silindile Ntuli (Resigned & replaced by Hlengiwe Nyilana as a non-employee scholarship student) (MMedSci)	Factors influencing availability, affordability and accessibility to cancer care services in KwaZulu-Natal	<ul style="list-style-type: none"> <li>- Protocol almost ready for submission to IRB</li> </ul>