



Meharry Medical College Vanderbilt-Ingram Cancer Center Tennessee State University (MVT) Cancer Partnership



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Meharry Medical College



MVT Cancer Partnership: Challenges and Solutions

1. How can our partnership achieve successful leadership transitions?
 - Development and effective implementation of several succession plans
2. How can our partnership expand and maintain diversity of its membership base?
 - Effective recruitment from both outside and from within partnership institutions
3. How can our partnership achieve innovative restructuring of a vital partnership core such as Clinical Trials?
 - Revamping and developing a core with expanded trials including education, prevention, intervention and therapeutic clinical trial (PRACTICE CORE)
4. How can our partnership achieve effective planning and evaluation of partnership programs
 - Establishment and implementation of effective Planning and Evaluation Core



Successful Implementation of Leadership Succession Plans

A Brief History

- 1999: Meharry-VICC Cancer Partnership started by Drs. Hal Moses (VICC) and Samuel E. Adunyah (Meharry) with NCI funded VICC Center Supplement Grant to Meharry
- 2001: Partnership received NCI U54 funding with Drs. Hal Moses and Samuel E. Adunyah as PIs
- 2006: Partnership U54 renewed and TSU brought in on subcontract to Meharry
- 2011: Partnership U54 renewed as Meharry-VICC-TSU (MVT) TRIAD Partnership with multiple-PI in each institution
 - Drs. Samuel E. Adunyah and Derrick Beech/Steven Wolff as Meharry PIs
 - Drs. Hal Moses and Ann Richmond as VICC PIs
 - Drs. Baqar Husaini and Margaret Whalen as TSU PIs

Successful Leadership Transition within MVT Cancer Partnership

- 2016: U54 renewed as a TRIAD Partnership
 - Drs. Samuel E. Adunyah and Steven Wolff as Meharry PIs and later Philip Lammers was appointed after Dr. Steve Wolff died
 - Drs. Hal Moses and Ann Richmond as VICC PIs
 - Drs. Baqar Husaini and Margaret Whalen as TSU PIs
- 2019: Dr. Tuya Pal replaced Dr. Hal Moses at VICC, Dr. Margaret Whalen replaced Dr. Baqar. Husaini and Dr. S. Tiriveedhi replaced Dr. Margaret Whalen at TSU
 - 2020: Dr. Duane Smoot replaced Philip Lammers at Meharry
- 2021: TRIAD Partnership U54 renewed with successful leadership transition
 - Drs. Samuel E. Adunyah and Duane Smoot as Meharry PIs
 - Drs. Tuya Pal and Ann Richmond as VICC PIs
 - Drs. Margaret Whalen and S. Tiriveedhi as TSU PIs



Expansion and Maintenance of Diversity within MVT Cancer Partnership

Non-Hispanic Blacks/African Americans: (Key: 1 - ESI; * - Recruited)

Dr. Samuel E. Adunyah - Professor, Meharry
Dr. Steven C. Stain - Professor, Meharry (now at Lahey Hosp and Med Ctr.)
Dr. Hyacinth Mason - Assistant Professor, Vanderbilt
Dr. Emeka Ikpeazu¹* - Associate Professor, Meharry
Dr. Richardo Richardson* - Professor, Meharry (now at NCCU)
Dr. Marilyn Thompson¹* - Professor, Meharry (now at Belmont)
Dr. LaMonica Stewart¹* - Professor, Meharry
Dr. Amosy M'Koma¹* - Associate Professor, Meharry
Dr. Jamaine Davis¹* - Assistant Professor, Meharry
Dr. Bettina Beech* - Associate Professor, VICC (now at U. Houston)
Dr. Derrick Beech* - Professor, Meharry (now at Hawaii)
Dr. Leah Alexander¹ - Associate Professor, Meharry
Dr. Jennifer C. Erves¹* - Assistant Professor, Meharry
Dr. Karen Winfield* - Professor, VICC/Meharry (Meharry/Vanderbilt Alliance Director)
Dr. Margaret Hargreaves - Professor, Meharry (decease)
Dr. Sakina Eltom - Professor, Meharry
Dr. Josiah Ochieng - Professor, Meharry
Dr. Owen Johnson - Professor, TSU
Dr. Amos Sake - Associate Professor, Meharry
Dr. Veronica Mallett - Professor, Meharry
Dr. Duane Smoot* - Professor, Meharry
Dr. Billy Ray Ballard - Professor, Meharry
Dr. Samuel James¹ - Assistant Professor, Meharry
Dr. Elizabeth Williams - Assistant Professor, TSU
Dr. Oscar Miller - Professor, TSU
Dr. William Boadi¹ - Professor, TSU
Dr. Cosmas Okoro - Professor, TSU

Asians:

Dr. Baqar A. Husaini - Professor, TSU
Dr. Zhenbang Chen¹* - Associate Professor, Meharry
Dr. Anil Shanker¹* - Professor, Meharry
Dr. V. Tivideehi - Associate Professor, TSU
Dr. Sandeep Anatha¹* - Assistant Professor, Meharry (now at NY Health System)

Asians Cont'd:

Dr. Deok-Soo Son - Associate Professor, Meharry
Dr. Kushal Patel - Associate Professor, TSU
Dr. Qiuyin Cai - Professor, VICC
Dr. Yu Shyr - Professor, VICC
Dr. Wei Zheng - Professor, VICC
Dr. Xiaofei Wang - Associate Professor, TSU

Caucasians:

Dr. Hal. Moses - Professor, Former VICC Director
Dr. Jennifer Pietenpol - Professor and Current VICC Director
Dr. Lynn Matrisian - Professor, VICC (now at Pancreatic Foundation)
Dr. Ann Richmond - Professor, VICC
Dr. Philip Browning - Assistant Professor, VICC (decease)
Dr. Steven Wolff* - Professor, Meharry (decease)
Dr. Margaret Whalen - Professor, TSU
Dr. Phil Lammers¹* - Assistant Professor, Meharry
Dr. Bill Blot - Professor, VICC
Dr. Rebecca Selove¹ - Associate Professor, TSU
Dr. Robert Matusik - Professor, VICC
Dr. Dana Marshall¹ - Associate Professor, Meharry
Dr. Maureen Sanderson - Professor, Meharry
Dr. Debra Friedman - Professor, VICC
Dr. Linda Sealy - Associate Professor, VICC
Dr. Hilary A. Tindle* - Associate Professor, VICC
Dr. Sara Suiter - Associate Professor, Vanderbilt
Dr. Lucy B. Spullato - Associate Professor, VICC
Dr. Alicia Malin-Fair* - Assistant Professor, Meharry
Dr. Mohammed Beeghly-Fadiel - Assistant Professor, Vanderbilt
Dr. Richard Martin¹* - Assistant Professor, Meharry
Dr. El. Kadimir¹* - Associate Professor, Meharry
Dr. Jeffery Shawn Goodwin[#] - Associate Professor, Meharry
Dr. Michael Izban, Senior Research Associate, Meharry
Dr. Kimberly Dalhmann - Associate Professor, VICC
Dr. David G. Schlundt - Professor, Vanderbilt





Restructuring MVT Cancer Partnership Clinical Trials Core

Population Research And Clinical Trials In Cancer Equity (PRACTICE) Core



Maureen Sanderson, MPH, PhD
Meharry Medical College



Debra Friedman MD, MS
Vanderbilt-Ingram Cancer Center



Kushal Patel PhD
Tennessee State University



Potential Problems/Alternative Solutions

- How to clearly understand the clinical trials and population sciences infrastructure at Nashville General Hospital (NGH)?
- How to improve collaboration between VICC CTO and NGH CTO and Mehary Vanderbilt Alliance (MVA)?
- How to obtain adequate resources to conduct research with protected time for faculty to improve recruitment of clinical and research staff at Meharry Medical College?
- How to develop effective evaluation metrics for clinical trials success?

Future Directions/Strategies:

Leveraging partnership cores and institutional resources:

- Identify therapeutic and non-therapeutic clinical trials that will benefit the population at NGH
- Enhance research that will address disparities for the NGH and catchment area population
- Increase accrual to research across the cancer care continuum



Background/Overview/Specific Aims

PRCATICE CORE's Mission: Promote and support access of minority and underserved patients onto research studies across the entire cancer care continuum, incorporating basic, clinical and population-based science research

PRACTICE CORE'S Three Thematic Domains:

- prevention and early detection
- observational and interventional studies during and following cancer treatment
- implementation of healthcare interventions and policy to improve cancer care delivery and decrease cancer health disparities

Specific Aims:

Aim 1: Expand the portfolio of cancer control studies and therapeutic clinical trials

Aim 2: Create a cancer cohort study at Nashville General Hospital and support collaborative research projects among institutions

Aim 3: Provide training and mentoring for junior investigators in disparities research

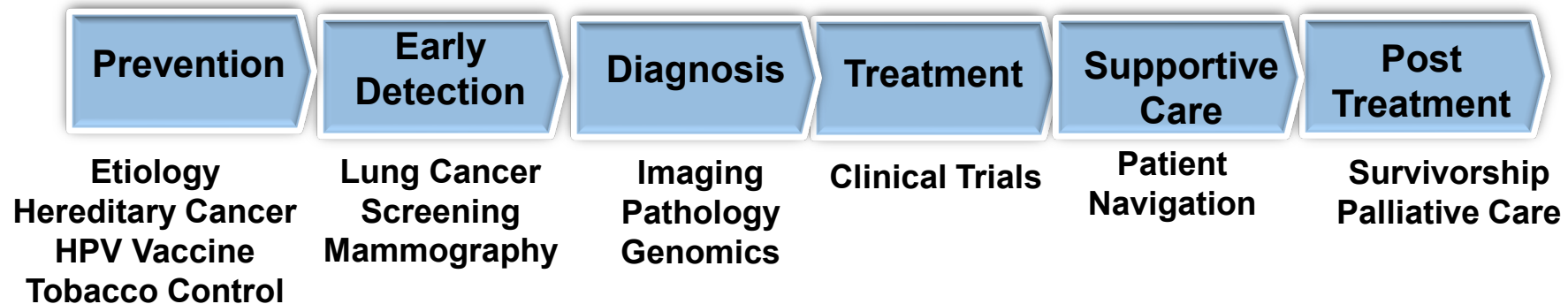


Innovation

- ***Builds on the foundation of the Clinical Trials Core to facilitate research throughout the cancer care continuum***

* MVT is a Comprehensive Partnership to Advance Cancer Health Equity (CPACHE) via a Clinical Trials Core

- Incorporation of epidemiologic and health outcomes research
- Novel combination of clinical trials and population science research



Integration

PRACTICE CORE
Expand the portfolio of studies to the patient base of NGH and the catchment area
Create a cancer cohort study at NGH and support collaborative research projects
Provide training and mentoring for junior investigators in disparities research

Annual Report to PSC with feedback

Quarterly Report to IAC with feedback

Administrative:
Infrastructure

Cancer Outreach:
Patient and Community Educational and Outreach

Translational Pathology:
Biospecimen Collection, Processing and Storage

Biostatistics:
Study design and analysis

Research Education:
Involvement of students, trainees and faculty in disparities research

Planning and Evaluation:
Metrics for Core Success

Participate in research grant submissions (foundation, NCI)
Pipeline for training grants



MVT Cancer Partnership Planning and Evaluation Core

Potential Problems/Alternative Solutions

- Harmonizing data collection processes and reporting formats across cores, projects, and institutions
- Capturing grant information on submitted and funded grant applications
- Measuring MVT Cancer Partnership impact on health disparities
- Balancing possibility and opportunity with bandwidth



Dana Marshall, PhD
Meharry Medical College



Sarah Suiter, PhD, MS
Vanderbilt University



Rebecca Selove, PhD
Tennessee State University



Background/ Overview



The Planning and Evaluation Core (PEC) will:

- Ensure that planning, monitoring, evaluation, and tracking of partnership activities will be comprehensive to the needs of the Meharry-Vanderbilt-Tennessee State University Cancer Partnership (MVTCP)
- Utilize evaluation activities to ensure that the MVTCP is successful in contributing to the broad goals of the Comprehensive Partnerships to Advance Cancer Health Equity (CPACHE) program
- Provide information to guide the investment of resources into projects, programs, and institutional-level strategies such as recruitment and leveraging of resources that support the goals of the partnership.



Aim 1: Foster on-going coordination facilitated by the Administrative Core (AC), with the IAC and PSC to ensure the MVTCP is receiving expert feedback and guidance on cores, projects, and functionality of the MVT Cancer Partnership as a whole

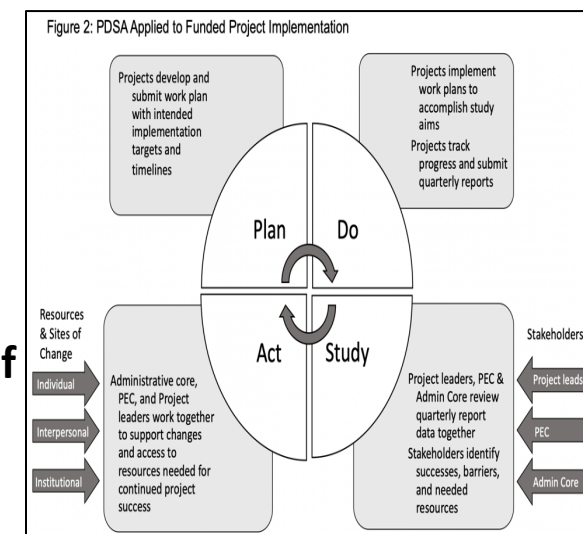
- Communication and collaboration with the IAC and PSC
- Solicitation and evaluation of additional research projects
- Core review process
- Assessing collaboration and integration of the MVTCP

Aim 2: Use a combination of established and innovative evaluation techniques to assess the MVTCP and its accomplishment of short and long-term goals

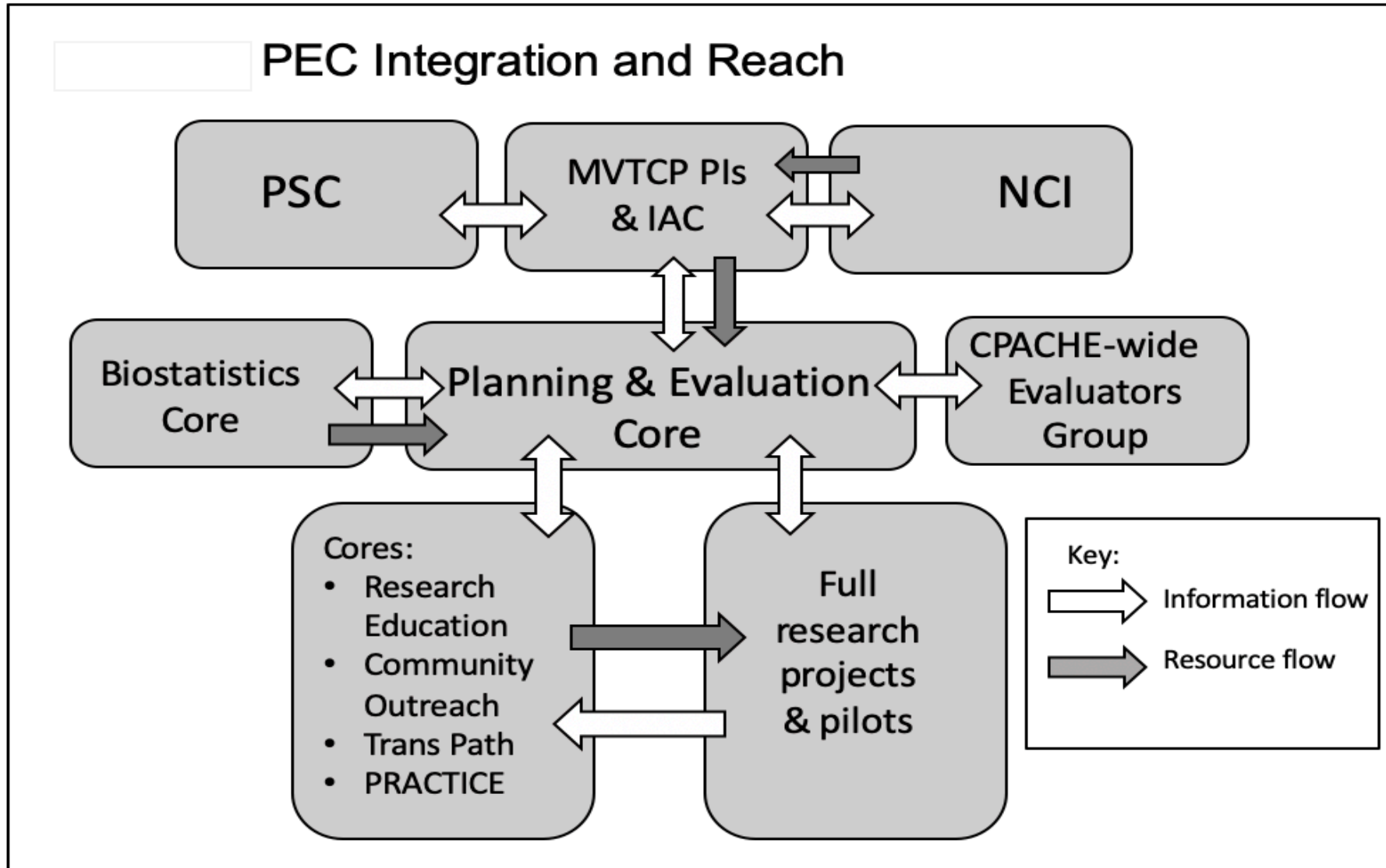
- Core-specific evaluation
- Project-specific evaluation
- Integrated outcomes framework
- Evaluating impact on cancer health equity
- Development of data collection tools and processes

Aim 3: Develop a culture of evaluation within the MVTCP that is committed to the use of data to support decision making, drive quality improvement, and inform dissemination

- Data analysis and reporting
- Using Plan, Do, Study, Act (PDSA) as a framework for continuous quality improvement
- Wide dissemination of Planning And Evaluation Core findings



Integration



Acknowledgements



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Dr. Ann Epps, Former MMC President & CEO
Dr. Wayne Riley, Former MMC President & CEO
Dr. James E. K. Hildreth, MMC Present & CEO
Dr. Valerie Montgomery Rice, Former MMC SOM Dean
Dr. Maria Fatima Lima, Former MMC SOGSR Dean
Dr. Billy Ray Ballard, Former SOM Dean/Core Director
Dr. Steven Wolff, Former PI (Deceased)
Dr. Phil Lammers, Former PI
Dr. Derrick Beech, Former MMC Surgery Dept Chair/PI
Dr. Duane Smoot, PI
Ms. Ketia Barnes, Senior Coordinator
Meharry Grant Admin and Management
Mr. Wayne W. Green, Coordinator
Ms. Monica Taylor and Ms. Setonia Cook (Coordinators)

NCI/CRCRD:

Dr. Sanya Springfield, CRCHD Director
Dr. Nelson Aguila, Deputy Director, CRCHD
Dr. Anil Wali, Program Director/Official
Dr. Peter Ogunbiyi (Formerly Director Diversity Training)
Dr. Mary Ann Van Duyn, Program Official, Diversity Res & Training
Program Staff and Grant Admin Staff

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TSU:

Dr. Baqar Husaini, PI
Dr. Margaret Whalen, PI
Dr. S. Tiriveedhi, PI
Dr. Oscar Miller, COC Co-Director
Dr. Rebecca Selove, PEC
Dr. Kushal Patel, PC Co-Director
Dr. Owen Johnson, Formerly BC
Ms. Megan Novotny, Coordinator

Vanderbilt/VICC:

Dr. Hal Moses, Former VICC Director/PI
Dr. Jennifer Pietenpol, VICC Director
Dr. Bettina Beech, Former COC Member
Dr. Ann Richmond, PI
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Ms. Susan Mills, Former Sr. Admin Staff
Dr. Lynn Matrisian, Former IAC Member
Dr. Tuya Pal, PI
Dr. Karen Winfield, MVA Director/COC Co-Director
Dr. Sara Suiter, Director PEC
Dr. Kimberly Dahlman, Co-Director, REC
Dr. Debra Friedman, PC Co-Director
Dr. Linda Sealy, Former REC Co-Director
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Ms. Marjorie Faith Christian (Coordinator)