





# 2014 Community Benefit Report

Report on 2014-2016 Implementation Strategies



Charleston Area Medical Center

# Charleston Area Medical Center CAMC General Hospital, CAMC Memorial Hospital and CAMC Women and Children's Hospital Charleston, West Virginia

#### 2014 Community Benefit Report and Report on 2014-2016 Implementation Strategies

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#### **Charleston Area Medical Center**

CAMC General Hospital, CAMC Memorial Hospital and CAMC Women and Children's Hospital Charleston, West Virginia

## 2014 Community Benefit Report and Report on 2014-2016 Implementation Strategies Executive Summary

This community benefit report describes the programs and services that take place every day at Charleston Area Medical Center to improve the health of our community.

In 2014, Charleston Area Medical Center provided \$137,004,344 in community benefit. Merely stating the dollars, however, does not adequately portray the lives touched. In our community, this includes mothers, newborns, grandparents, the homeless, children and youth in our schools, and the working poor. . . and many more, as this report describes. Our programs and services go well beyond the traditional health care we often think of when we consider hospital care and are delivered both inside and outside the walls of our hospitals. They are driven by our mission, Striving to provide the best health care to every patient, every day. Our hospitals and outpatient programs and services bring our mission to life – providing effective, efficient, equitable, timely and safe care to all, regardless of ability to pay.

Charleston Area Medical Center is a not-for-profit four-hospital system comprised of CAMC Memorial Hospital, CAMC General Hospital and CAMC Women and Children's Hospital. CAMC Teays Valley Hospital was added in March 2014 and has its own community needs assessment and community benefit report. Our hospitals operate under one administrative structure and participate in joint strategic planning and budgeting processes. Each hospital has responsibility for key service lines. Our hospitals are designed to provide care for our community residents throughout every stage of their lives. Our patients depend on us to provide convenient and compassionate care - care delivered regardless of a patient's ability to pay. As a resident teaching facility for internal medicine, internal medicine/pediatrics, internal medicine/psychiatry, family medicine, pediatrics, surgery, psychiatry, obstetrics and gynecology, emergency medicine, urological surgery, osteopathic internship, internal medicine geriatric fellowship, psychology internship, vascular surgery fellowship, oral and maxillofacial surgery fellowship and pharmacy, we give patients access to the latest developments in medical care. We provide our community with programs of excellence in cardiovascular services, medicine, surgery, oncology, trauma, neurology, orthopedics, rehabilitation, bariatrics, and women and children's services.

We give back to our community because we understand the impact that exceptional medical care, charity care, education, corporate contributions and community partnerships have on the lives of real people. In this report, you will read about examples of the programs we provide to the community and how we demonstrate our community commitment.

**CAMC General Hospital** 



CAMC Memorial Hospital



CAMC Women and Children's



# 2014 COMMUNITY BENEFIT SUMMARY for CAMC MEMORIAL, CAMC GENERAL, CAMC WOMEN and CHILDREN'S, and CAMC TEAYS VALLEY HOSPITALS\*

#### **CHARITY CARE AT COST**

\$10.175.239

Free or discounted health services provided to persons who meet the organization's criteria for financial assistance and are thereby deemed unable to pay for all or a portion of the services. Charity care is reported in terms of costs, not charges. Charity care does not include: (1) bad debt or uncollectible charges that the hospital recorded as revenue but wrote off due to failure to pay by patients, or the cost of providing such care to patients, (2) the difference between the cost of care provided under Medicaid or other means- tested government programs or under Medicare and the revenue derived therefrom, or (3) contractual adjustments with any third-party payors.

#### **GOVERNMENT SPONSORED MEANS-TESTED HEALTH CARE SHORTFALLS**

Includes the unpaid costs of public programs for low income persons; the "shortfall' created when a facility receives payments that are less than cost of caring for public program beneficiaries. This payment shortfall is not the same as a contractual allowance, which is the full difference between charges and government payments.

#### **Unreimbursed Medicaid**

\$85,248,207

#### Other Public Unreimbursed Costs

\$920,265

Includes CHIPS, Prevention First, Catastrophic Illness Commission, Community Access Program

#### SUBSIDIZED HEALTH SERVICES

\$1,280,053

Clinical programs that are provided despite a financial loss so significant that negative margins remain after removing the effects of charity care, bad debt and Medicaid shortfalls. Nevertheless, the service is provided because it meets an identified community need and if no longer offered, it would be either unavailable in the area or fall to the responsibility of the government or other not-for-profit organization to provide. Subsidized health services at CAMC include Family Resource Center support at \$466,290, the Lactation Support Program at \$178,450 and the Palliative Care Program at \$635,313.

#### COMMUNITY BENEFIT PROGRAMS AND SERVICES

\$39,380,580

See details beginning on page 38.

0 00.	
Community Health Improvement Services	4,235,886
Health Professions Education	34,573,221
Financial and In-Kind Contributions	244,886
Community Building Activities	225,683
Community Benefit Operations	100,904

TOTAL

\$137,004,344

In addition to the above, although Medicare and Bad Debt are not included as part of the community benefit report per IRS guidelines, they are reflective of CAMC's role in providing benefit to our community.

#### **UNREIMBURSED MEDICARE AT COST**

\$108,851,407

Medicare is not considered a means tested program and thus is not included as part of community benefit.

#### **BAD DEBT AT CHARGE**

\$23,739,823

Unreimbursed charges, excluding contractual adjustments, arising from the failure to pay by patients whose health care has not been classified as charity care.

NOTE: Charity Care, Unreimbursed Medicare, Medicaid and Bad Debt – The total cost estimate for this care was determined by applying our Medicare ratio of cost to charges generated for these patient financial classifications.

\* CAMC Teays Valley Hospital became part of Charleston Area Medical Center, Inc. in March 2014.

### Charleston Area Medical Center Charleston, West Virginia

### CAMC General Hospital, CAMC Memorial Hospital and CAMC Women and Children's Hospital

#### 2014 Implementation Strategy Report

The Kanawha Coalition for Community Health Improvement was founded in 1994 by Kanawha County hospitals working in partnership with other local organizations. The Coalition's mission is to identify and evaluate health risks and coordinate resources to measurably improve the health of the people of Kanawha County. A Community Needs Assessment is conducted through the Kanawha Coalition for Community Health Improvement every three years with the most recent completed in 2014.

The Kanawha Coalition for Community Health Improvement's goals for the Community Health Needs Assessment process include:

- 1. Assess the health needs of the citizens of Kanawha County.
- 2. Inventory available resources.
- 3. Determine unmet needs.
- 4. Evaluate and prioritize needs.
- 5. Involve affected organizations and constituencies in developing possible solutions.
- 6. Develop consensus.
- 7. Facilitate implementation.
- 8. Measure and evaluate outcomes.

The top three issues prioritized by the community from the 2014 Community Needs Assessment are listed below. Each of these issues is being addressed by a Kanawha Coalition for Community Health Improvement work group. Progress reports for each of these workgroups follows.

Obesity/Overweight/Poor Eating Habits
Drugs/Prescription and Illicit
Lack of Physical Activity

# KANAWHA COALITION FOR COMMUNITY HEALTH IMPROVEMENT PROGRESS REPORT WORKGROUP ACCOMPLISHMENTS FOR 2014

### Kanawha Coalition for Community Health Improvement Obesity/Overweight/Poor Eating Habits Workgroup

#### **Workgroup Membership**

American Heart Association
April's Kitchen
Cabin Creek Health System
Charleston Area Alliance
Charleston Area Medical Center
Highland Hospital
Kanawha County Schools
Kanawha-Charleston Health Department
KEYS 4 HealthyKids
RESA 3

Thomas Health System
United Way of Central West Virginia
Wellness Council of WV
West Virginia Breast Feeding Alliance
West Virginia Medical Institute
West Virginia State University
West Virginia State University Extension
West Virginia University Extension
WV Power Baseball

2017 Goal:

Decrease the percentage of people living in Kanawha County with low food access from 28% to 23% by September 29, 2017.

#### Year One Objectives (detailed workplan follows):

- 1. Recruit at least 5 Kanawha County businesses, organizations or schools to support *Health on the Shelf* evidence-based strategies. (By September 2015)
- 2. Partner with the Kanawha Charleston Health Department to support its healthy restaurant strategies with 10 Kanawha County restaurants. (By September 2015)

#### **Obesity/Overweight/Poor Eating Habits Workgroup**

GOAL: Decrease the percentage of people living in Kanawha County with low food access from 28% to 23% by September 29, 2017.

Year One, Objective 1: Partner with the Kanawha Charleston Health Department to support Health on the Shelf strategies by developing at least 5 partnerships with local businesses, organizations or schools to change food systems and environments. (By September 2015) Action Plan Output/ Measure Recruit 5 partnerships in Kanawha County of businesses, organizations and schools to support Health on # of partnerships the Shelf initiatives. Develop a two-tier system for store certification implementation based on Health on the Shelf criteria. Completed tier system Monitor policies that food retailers implement that require providing at least three fresh fruit and # policies adopted vegetable options. Recruit and certify local small food retailers to voluntarily provide fresh fruits and vegetables in stores in # stores certifications one of the two tier certification systems. Provide incentives to stores including paid local advertising, social media marketing, signage and materials.

Year One, Objective 2: Partner with Kanawha Charleston Health Department to support its healthy restaurant strategies with 10 Kanawha County restaurants (By September 2015)				
Action Plan	Output/ Measure			
Develop a set criteria point system rubric to standardize grading restaurants in Kanawha County.  Rubric complete				
Utilizing initial sanitation inspections, determine 40 restaurants to pilot for use of the rubric system.	# restaurants to evaluate with rubric			
Evaluate the results of the rubric to select and recruit 10 restaurants as pilot healthy restaurants.	# restaurants selected for pilot			

**2014 Implementation Strategy Progress:** Partnered with the Kanawha-Charleston Health Department on a grant application to the Center for Disease Control Partnership for the Improve Community Health Grant in July 2014. Funding was not received. Incorporating similar work into an application to the APA for a Plan4Health grant to be submitted in July 2015.

### Kanawha Coalition for Community Health Improvement Physical Activity Workgroup

#### **Physical Activity Workgroup Membership**

American Heart Association
Cabin Creek Health System
Capital Resource Agency
Charleston Area Alliance
Charleston Area Medical Center
City of Charleston, Parks and Recreation
Highland Hospital
Kanawha County Schools
Kanawha Valley Senior Services
Kanawha-Charleston Health Department
Minority Health Group

RESA 3
Thomas Health System
West Side Community and Family Development
Corporation
Wellness Council of WV
West Virginia School-based Health Assembly
West Virginia State University
West Virginia University Extension
West Virginia University Health Science Center
WV Power Baseball

**2017 Goal:** Decrease the percentage of Kanawha County adults aged 20 and over, who report having no leisure time physical activity from 32% to 22%.

#### Year One Objectives:

- 1. Pilot Healthy Choices at Work worksite challenge in at least 10 small businesses in Kanawha County to increase supportive policies, practices and environmental conditions for physical activity and healthy eating. (By September 29, 2015)
- 2. Conduct a large scale, highly visible physical activity campaign that targets Kanawha County adults, age 20 and older, promoting stair usage through media, point-of-decision prompts, and community events. (By September 29, 2015)

**GOAL:** Decrease the percentage of Kanawha County adults aged 20 and over, who report having no leisure time physical activity from 32% to 22%. (By September 29, 2017)

Year One, Objective 1: Pilot Healthy Choices at Work worksite challenge in at least 10 small businesses in Kanawha County to increase supportive policies, practices and environmental conditions for physical activity and healthy eating. (By September 29, 2015) Action Plan Output/ Measure Implementation Strategy Progress (as of December 31, 2014) Development of a *Healthy Choices At Work* worksite Work plan **Completed: September 2014** challenge program, measures of improvements, • Finalized Healthy Choices at Work Challenge survey and recognition and associated awards. Pre and post scoring process. surveys • Reviewed and finalized recruitment materials. • Began recruitment of small businesses (50 employees or less). Scoring process **Completed: October 2014** • Pre-tested Healthy Choices at Work small worksite challenge pre- and post-survey. • Presented KCCHI's Healthy Choices at Work Online Guide at the 2014 Mid-Atlantic Conference on Worksite Wellness. Recruitment of 10 small businesses. 10 participating Target date: April 30, 2015 companies Coalition workgroup members meet to review 10 coaches resources and tools available for worksites in the **Completed: December 2014** trained "Healthy Choices at Work" resource guide and toolkit. Coalition workgroup meets to assign individual 10 companies Target date: April 30, 2015 members to serve as coaches to recruited worksites. assigned coaches Coaches meet with worksite leadership to complete Pre-surveys Target date: May 28, 2015 pre-survey and review toolkit recommendations. completed Coaches meet with worksite leadership to assist in Worksite goals Target date: June - July 2015 goal setting based on pre-survey results. Worksite implements plan and measures progress Policies and towards goals. Coaches provide technical assistance as environmental Target date: June - November 2015 changes needed. Coaches meet with worksite leadership to complete Post surveys Target date: November 28, 2015 completed post survey.

Coalition workgroup convenes to assess improvements in company pre-post surveys.	Final scores	Target date: November 28, 2015
Coalition publicly recognizes all participating worksites and makes awards to those with biggest improvement.	Awards and recognition event Media coverage	Target date: December 2015

**GOAL:** Decrease the percentage of Kanawha County adults aged 20 and over, who report having no leisure time physical activity from 32% to 22%. (By September 29, 2017)

Year One, Objective 2: Conduct a large scale, highly visible physical activity campaign that targets Kanawha County adults, age 20 and older, promoting stair usage through media, point-of-decision prompts, and community events. (By September 29, 2015)			
Action Plan	Output/ Measure	Implementation Strategy Progress (as of December 2014)	
Development of stair usage campaign, including branding,	Work plan	Completed: September 2014	
media messages, signage, and implementation and evaluation strategies.	Evaluation plan	• Met with University of Charleston's Senior Nursing Class to recruit students to assist with campaign, September 2, 2014.	
Media buys and production of media components.	Media buys/ production		
Kick-off event, signage placement.	Kick-off event Signage placement	Target date: February 2015	
Coalition members and University of Charleston senior nursing students conduct observational surveys at key stairwell locations throughout county.  Coalition tracks participation in community "stair-climbing" events.	Observational surveys completed  Events held  Media reach	Target date: March – April 2015	
Coalition workgroup monitors and evaluate reach of media messages.			

### Kanawha Coalition for Community Health Improvement Drug Abuse Workgroup

#### **Drug Abuse Workgroup Members**

Cabin Creek Health System
Charleston Area Alliance
Charleston Area Medical Center
Charleston Police Department

First Choice Services (WV Rx Abuse Quitline)

Highland Hospital

Kanawha Communities That Care Kanawha County Library System Kanawha County Schools

Kanawha Valley Senior Services

Kanawha-Charleston Health Department

National Association of Social Workers, WV

Chapter

Prestera Center

RESA 3

Saint Francis Hospital

University of Charleston School of Pharmacy West Virginia Coalition Against Domestic

Violence

West Virginia School-Based Health Assembly

West Virginia State University Extension

West Virginia University Extension

#### 2017 Goal(s):

- 1. Decrease drug abuse among youth by increasing their resiliency during early childhood.
- 2. Decrease drug abuse in Kanawha County through evidence-based strategies.
- 3. Decrease the number of meth labs in West Virginia.

#### **Year One Objectives:**

- 1. Expand Too Good For Drugs and Violence training for youth at four additional community-based sites. (By September 29, 2015)
- 2. Expand Parent Rx360 program to four additional Kanawha County communities. (By September 29, 2015)
- 3. Partner with Kanawha Communities That Care to select and implement 2 additional evidence-based strategies to address drug abuse in Kanawha County. (By September 29, 2015)
- 4. Advocate for legislation that will reduce the number of meth labs in West Virginia. (By March 2015)

GOAL 1: Decrease drug abuse among Kanawha County youth by increasing their resiliency during early childhood. (By September 29, 2017)

Year One, Objective 1: Expand Too Good For Drugs and Violence training for youth at four additional community-based sites. (By September 29, 2015)					
Action Plan Output/ Measure Implementation Strategy Progress (as of June 26,					
For Drugs and Violence training for		Completed: April 2014 Held TGFD training with 15 in attendance, representative of 7 youth service organizations/schools.			
Recruit 4 additional community-based sites to conduct Too Good For Drugs training.  Memos of Understanding with sites Pre and post youth survey results # of children impacted		Completed: Five community-based Too Good For Drugs programs were implemented impacting 204 youth. Sites: YMCA, East End Family Resource Center, KISRA, Pinch, Belle.			

GOAL 2: Decrease drug abuse in Kanawha County through evidence-based strategies. (By September 29, 2017)

Action Plan	Output/ Measure	Implementation Strategy Progress
Conduct joint strategic planning sessions to identify and select 2 additional evidence-based strategies to address prescription drug abuse.	2 evidence-based strategies identified and selected	<ul> <li>July 2014</li> <li>Held a strategic planning session July 16<sup>th</sup>.</li> <li>August 2014</li> <li>Held second strategic planning session August 27th. Selected strategies to limit access to unused/expired prescription medication: <ul> <li>Placement of additional permanent Rx drop boxes in county</li> <li>Public education about proper disposal of Rx medications</li> </ul> </li> </ul>

Develop an implementation plan for both strategies.	Implementation plans	Target date: April 2015
Implement plan, with periodic assessments for any needed revisions.	Strategies implemented	Target date: September 13 – 17, 2015
Evaluate, measure results and	Evaluations completed	Target date:
prepare final report.	Final report	September 30, 2015

GOAL 3: Decrease prescription drug abuse among in Kanawha County. (By September 29, 2017)

Year One, Objective 2: Expand Parent Rx360 program to 4 more Kanawha County communities. (By September 29, 2015)					
Action Plan	Output/ Measure	Implementation Strategy Progress			
Plan and promote Parent Rx360 community-based forums to educate parents about prescription drug abuse and actions they can take to keep their children safe.	# forum attendees  Media reach	Completed: 5 Parent Rx360 meetings Total Attendance: 80  May 2014 • Pinch , WV • Sharon Dawes WV  June 2014 • Marmet, WV  November 2014 • St. Albans, WV			
Recruit 4 additional Kanawha County communities to host Parent Rx360 forums.	Post survey results	Target Date: December 2016			

GOAL 4: Decrease the number of meth labs in West Virginia. (By September 29, 2017)

Year One, Objective 1: Advocate for legislation that will reduce the number of meth labs in West Virginia. (By March 2015)				
Action Plan	Output/ Measure	Implementation Strategy Progress		
Educate public about meth labs and importance of a prescription-only policy for pseudoephedrine products that can be easily converted to make meth through traditional and social media sources, community presentations and dissemination of print materials.	# of presentations  # materials disseminated  Media reach	<ul> <li>July 2014</li> <li>Presented on Prescription Pseudoephedrine at <i>Our Children, Our Future</i> Policy Workshops on July 17 (Lewisburg) and July 24 (Hurricane).</li> <li>August 2014</li> <li>Met WV DHHR Meth Lab Program Director for data on meth labs in WV 2006-2014.</li> <li>Worked with WV Intervention on Meth Labs Committee to produce informational materials (FAQ, Policy One-Pager, PowerPoint, Map on WV Meth Lab Progression).</li> <li>September 2014</li> <li>Presented policy issue at September 9 and 10, 2014 Policy Symposium.</li> <li>Co-sponsored a CADCA Substance Abuse Policy Training on September 18.</li> <li>October 2014</li> <li>Scheduled policy team members to present on Stop Meth Labs policy at statewide <i>Our Children, Our Future</i> Community and Candidate Forums. (10 forums)</li> <li>Submitted Stop Meth Labs policy to <i>Our Children, Our Future</i> for statewide voting process that will identify their 2015 Legislative Platform.</li> <li>November 2014</li> <li>Presented policy during <i>Our Children, Our Future</i> Annual Meeting on November 20.</li> <li>December 2014</li> <li>Recruited 41 signed organizational supporter.</li> </ul>		
Educate legislators about how a prescription-only policy will decrease meth labs in WV, through presentations to Legislative Committees and dissemination of information.	# of Legislators in support of policy  Passage of legislation	Target date: March 2015		

### CHARLESTON AREA MEDICAL CENTER COMMUNITY NEEDS PLANNING

Charleston Area Medical Center is licensed for 838 beds on three of its four campuses: General Hospital (268 beds), Memorial Hospital (424 beds) and Women and Children's Hospital (146 beds). General Hospital focuses primarily on the neurological, orthopedic, trauma and rehabilitation service lines. Memorial Hospital supports the cardiac, peripheral vascular and oncology services lines and Women and Children's Hospital focuses on mother, baby, pediatric and gynecology service lines. Medicine and general surgery cross both Memorial and General Hospitals. Although the hospitals are licensed separately, the hospitals jointly plan, implement goals and report into one governance structure. The CAMC Board of Trustees governs the CAMC hospitals. Community benefit services are aligned by service versus hospital, thus at times are clearly aligned by hospital, but not in the case of many of the activities that span all hospitals. Additionally, many of our reports that are used for benchmarking and comparisons are for CAMC versus the individual hospitals.

The following outlines CAMC's community support process:



CAMC supports and strengthens its key communities through a systematic approach that begins with our mission, vision and values. Annually during our strategic planning process 1 we review the community health needs assessment findings and priorities to develop our community strategy. This strategy is based on issues identified through the needs assessment process and supplemented with findings from our internal Environmental Analysis. Communities are identified 2, strategies are identified and plans are funded, implemented (3), tracked and measured (4). Our Board approves the plan and reviews plan progress annually 5. Because of the size and scope of our services, the approach we use to identify our key communities 2 is based on the strategy, key stakeholder needs, and our capacity. Our community for the KCCHI work groups is Kanawha County as determined by the KCCHI mission. For our CAMC community strategy, community is based on the need identified and population to be addressed. We develop Health Indicator Data Sheets for each of our service area counties and identify key issues to address for all or part of our service area. For example, our Perinatal Telemedicine Project includes 14 rural counties and our Child Advocacy Center and HIV program serve our entire service area. Each strategy is deployed through a planning process that addresses key stakeholder needs and is evaluated based on predetermined criteria for outcomes expected. Cycles of learning have ensured the Civic Affairs Council monetary contributions support community organizations in the service area that are clearly aligned with our community strategy. In addition to addressing community needs and contributing financially, our leadership team serves in key leadership roles for community activities, programs and organizations as well as supports the workforce in participating in many community benefit activities such as Day of Caring and HealthFest.

In addition, CAMC staff serves on the community workgroups of the Kanawha Coalition for Community Health Improvement and they, along with Steering Committee members are involved in development of a community-wide community benefit plan addressing the top three health issues identified during the Community Forum. They also support plan implementation and outcome measurement. The Steering Committee provides ongoing oversight to the work groups' plans. Once the KCCHI plans are developed, as part of the strategic planning process, CAMC determines if there are additional areas of support that can be provided by CAMC to address the identified issues. The following table lists programs provided by CAMC that address these community priorities, and are identified and funded as part of operational planning by the CAMC Board of Trustees.

	ADDRESSED BY CAMC	CAMC General	CAMC Memorial	CAMC WCH	RANKING SCORE	How Addressed by CAMC in Addition to KCCHI Workgroup Activity (program descriptions found in Appendix)
1	Obesity	x		x	34.309	KCCHI Workgroup participation     Keys for Healthy Kids 5-2-1-0     Program     Bariatric Surgery Center of     Excellence     Medical Weight Loss Program
2	Drugs/ Prescription and Illicit			X	33.265	<ul> <li>KCCHI Workgroup participation</li> <li>Drug Addicted Mother/Baby Program</li> <li>Contribution to Rea of Hope Fellowship Home</li> </ul>
3	Lack of Physical Activity	x	X	X	32.853	<ul> <li>KCCHI Workgroup</li> <li>Think First for Kids</li> <li>Healthy Kids</li> <li>ATV and Bicycle Safety</li> <li>Challenged Sports Program</li> <li>Heart Fit</li> <li>Teddy Bear Fair</li> <li>Playground Safety</li> <li>Mall Walkers</li> <li>Alzheimer's Walk</li> </ul>
4	Heart Disease/ High Blood Pressure (Also identified in our Primary Service Area)	x	x		31.618	<ul> <li>Cardiac Kids</li> <li>Basic Life Support Training</li> <li>Heart Failure Readmission</li> <li>CMS Indicator compliance</li> <li>Ornish Program</li> <li>National Vascular Quality Initiative</li> <li>TAVR and STS Registries</li> <li>National Cardiovascular Data Registry</li> <li>Implantable Cardiac Defibrillator Database</li> </ul>

5	Tobacco Use/ Second Hand Smoke Exposure	х	х	x	31.206	Smoking cessation classes for pregnant women     Smoke free campus
7	Unemployment Jobs/ Poverty (Children Living in Poverty also identified in our Secondary Service Area)	X	X	X	28.838	<ul> <li>CAMC is the third largest non-government employer in WV</li> <li>Charity care and bad debt</li> <li>Civic Affairs contributions to Union Mission, Salvation Army, Daily Mail Neediest Cases, Roark Sullivan Lifeway Center, Gabriel Project, March of Dimes, Daymark, Heart and Hand, Habitat for Humanity, Ronald McDonald House, YMCA, Children's Therapy Clinic</li> <li>Nursing Pathways Program</li> <li>United Way Day of Caring</li> <li>WV Health Occupations Students of America</li> <li>Ronald McDonald House</li> <li>Local Wealth Creation</li> <li>Enrollment Assistance for Patients for Health Care Coverage</li> <li>HealthFest</li> <li>Mammography Screening</li> <li>Outpatient Mental Health Services</li> <li>Partners in Health Network</li> <li>Teddy Bear Fair</li> <li>Health Information Center</li> <li>WV HealthRight support</li> <li>Charity Care</li> <li>Patient Nourishment Program</li> </ul>
8	Cancer (Lung Cancer also identified in our Secondary Service Area)	x	x	x	28.765	<ul> <li>Relay for Life</li> <li>Komen Race for the Cure</li> <li>Look Good/Feel Better</li> <li>Civic Affairs contributions to the American Cancer Society</li> <li>State and national Tumor Registries</li> </ul>
9	Lung Disease/ Asthma/ COPD	х			28.750	<ul> <li>Occupational Lung Center         Outreach</li> <li>Asthma Awareness activities</li> <li>American Lung Association         contribution</li> </ul>

The following community priority need is not addressed by CAMC and the rationale is provided.

	NEED NOT ADDRESSED	RANKING SCORE	REASON NOT ADDRESSED
6	High School Drop-Out (Also identified in our Primary Service Area)	30.029	Issue being addressed by United Way of Central WV, Kanawha County Schools and State Department of Education

### 2014 - 2016 CAMC Community Benefit Plan 2014 Progress on Implementation Strategies

JOINT IMPLEMENTATION STRATEGIES: The following community benefit implementation strategies are inclusive of CAMC General, CAMC Memorial and CAMC Women and Children's hospitals. Due to our corporate structure, corporate support for planning, quality, safety, finance and other functions, we address these issues for all hospitals from a system perspective as Charleston Area Medical Center.

- 1. Reduce Over-Utilization of the Emergency Room
- 2. Provide Physician Drug Diversion Training
- 3. Provide Medical Homes/Neighborhood
- 4. Provide Access to Specialty Health Care for the Service Area through Medical Staff Recruitment
- 5. Provide HIV Primary Care and Decrease New HIV Infections
- 6. Build the Base of Local Growers Providing Fresh Herbs, Fruits and Vegetables to CAMC

#1	Charleston Area Children's Hospi		ter General, Memorial	, Women a	nd
COMMUNITY HEALTH NEED	Preventable Hospitalizations, PCP Ratio				
IDENTIFIED HEALTH ISSUE	Over-Utilization	of the Emerg	ency Room		
COMMUNITY SERVED	Kanawha, Raleig	h, Jackson,	Fayette, Roane, Putna	m Counties	S
PROGRAM DESCRIPTION AND RATIONALE	The CAMC Health Education and Research Institute, Inc., [CHERI], Charleston Area Medical Center, Inc. (CAMC), and Genesis HealthCare have initiated the Healthcare for Elderly and Long-Term Patients in West Virginia (HELP WV) program. This program is seeking RUS grant funding for telehealth equipment to be installed in 12 medical facilities in rural counties of West Virginia, the 7 <sup>th</sup> most rural state in the nation. [Census 2010] A significant number of seniors in these counties utilize the ER when their symptoms escalate to critical status and have become "ER frequent flyers." To address these issues, we must educate our impoverished rural West Virginians in two critical areas, which will impact a third area:  • Better health in general, leading to the prevention of the high incidence of heart disease, obesity, diabetes, and other common diseases  • Effective, economical management of healthcare for the abundance of our seniors having persistent or critical, often long-term to end-of-life illnesses  • Reduction in healthcare costs to payors.  Sites:				
	Site Name	Site Designation	Site Address	County	Population
	CAMC Memorial Hospital (CAMC)	Hub	3200 MacCorkle Ave SE Charleston, WV 25304	Kanawha	8,922
	Ravenswood Village	End-User	200 South Ritchie Ave Ravenswood, WV 26164	Jackson	3,876
	Raleigh Center	End-User	1631 Ritter Drive Daniels, WV 25832	Raleigh	1,881
	Ansted Center	End-User	106 Tyree Street	Fayette	1,404

Hidden Valley 438 23rd St	7,730 7,730
Hilltop Center End-User Oak Hill, WV 25901 Fayette 7 Hidden Valley 438 23rd St Center End-User Oak Hill, WV 25901 Fayette 7	
Hidden Valley Center  End-User  438 23rd St Oak Hill, WV 25901  Fayette	
	7 730
825 Summit St	7,730
Miletree Center End-User Spencer, WV 25276 Roane 2 501 Caldwell Dr	2,322
	7,907
Cedar Ridge 300 Cedar Ridge Rd.	7,707
	4,028
1 Sutphin Drive	
	1,503
Teays Valley 590 N Poplar Fork Rd Center End-User Hurricane, WV 25526 Putnam	6 204
Center End-User Hurricane, WV 25526 Putnam 6	6,284
	6,284
STRATEGIC OBJECTIVE REDUCE OVER UTILIZATION OF THE EMERGENCY ROOM	
GOALS TO ADDRESS THE  1. Provide services via telehealth "after-hours" – when a physician	
HEALTH NEED available at a Genesis site for an admission or if there is a "chan status" of a patient.	nge in
2. Utilize the telehealth system at a Genesis site for follow-up care	for
patients that have recently had a procedure – need a wound exa	
psychiatric consult, etc.	arriirica,
MEASURE TO EVALUATE THE Expected outcomes include:	
IMPACT     Immediate access via tele-health to a terminal patient's care pre	eferences
and directives saves time in delivering life-sustaining treatment of	
immediately respecting one's preference.	
<ul> <li>1,153 medical professionals will have efficient, convenient access</li> </ul>	ss to
required CME via DLT technology, saving \$1.055 million on trave	
meals, and lodging each year (115 physicians * \$800/yr) + (438	mid-
level providers * \$250/year) * 3 years).	
Our <b>HELP WV</b> program for RUS DLT consists of one hub site ar	
end-user sites, located in Fayette, Jackson, Kanawha, Putnam,	Raieign
and Roane counties.	o iccuso
<ul> <li>Emergency visits for preventable and non-emergency healthcare especially those by frequent flyers, will be reduced by 65%. This</li> </ul>	
the result of all identified frequent flyers being educated on healt	
matters via tele-health videos, which are on-topic and available f	
immediate viewing in the waiting room or during the emergency	
The first year, we estimate the reduction to be 20%, second year	
and 65% by the end of the third year.	
A 65% reduction in frequent flyer visits will translate into healthcaper.	
savings. Instead of nearly \$740,000 billed to Medicare/Medicaid	
months, it will be reduced to approximately \$260,000, nearly a \$	
savings. Instead of \$500,000 in unpaid care, the amount will be	
\$175,000. Savings are realized in proportion to the first, second	anu
<ul> <li>third-year established timeframes.</li> <li>Our recently discharged seniors will participate in weekly conver</li> </ul>	reations
Our recently discharged seniors will participate in weekly conver with a medical assistant, who calls for the purpose of medical	เจลแบบร
surveillance of the patient's treatment and maintenance plan, inc	cluding
reminders for follow-up appointments with the PCP. Through the	
equipment, patient records are referenced, updated and made a	
to physicians. This activity leads to prevention of readmissions.	
minutes per phone call to 4 patients a day (per site, average of 1	

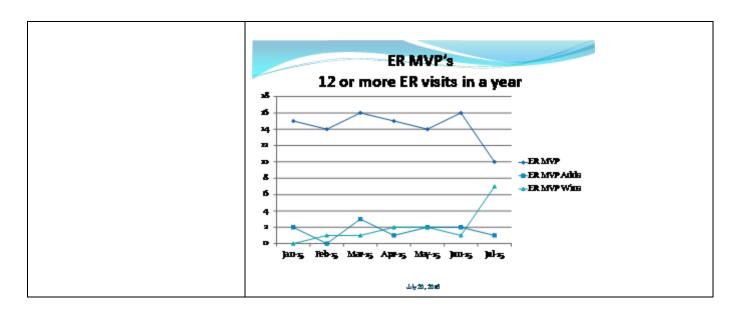
	<ul> <li>user sites) is expected to generate a payoff in prevention. Secondary calls to a PCP or pharmacy will also be included if necessary.</li> <li>Peer-to-peer consults via tele-medicine equipment allows for real-time identification of symptoms and permits treatment protocols to commence sooner with greater accuracy.</li> <li>Transcription errors are expected to be reduced by 98%. Electronic records allow for immediate retrieval, dramatically faster search capabilities, and crisp, legible standardized data entry. Estimated reduction in numbers of retrievals and filings of paper patient records during shift changes only - is 10,617,120 incidents. [Based on 2,424 total admissions in 2012 at our 11 facilities: (1 out + 1 in per shift * 2 shifts/day) * (2,424 patients * 365 days/year) * 3 years] Only a minimal amount of paper patient records will be necessary.</li> <li>Direct admitting via telehealth will result in a 90% reduction in paper patient records that must change hands. Phone calls to search for available beds and appropriate care will be decreased from approximately 10 calls to 3 per patient, resulting in a 65% reduction. Faxing records and all associated activity will be nearly eliminated, saving 1,212 person hours, translating to \$38,178 saved over 3 years (.5 hours/admission * 2,424 patients/year) * \$10.50/hour wage * 3 years).</li> <li>Money will not be spent for transport to a hospital, where no medical procedure can change the outcome for a terminal patient. Estimated savings is \$97,200 over three years (\$1,000/1-way transport + \$1,250/ER admission) * (10% of 144 average total of unnecessary admissions in 11 facilities 2012) * 3 years).</li> </ul>
TIMELINE	2014 - 2016
RESOURCES	USDA RUS (Rural Utilities Services) Grant Award of \$254,904 expected Winter, 2014 with a CAMC match of \$224,000 for equipment expenditure regardless of the grant availability.  RUS grant can only be expended on equipment for rural sites; Benedum Grant Award of \$150,000 requested for training/coordination.
PARTNERS/COLLABORATORS	CAMC Health Education and Research Institute, Inc., [CHERI] and Genesis
	HealthCare (GHC)  Genesis HealthCare (GHC) is one of the nation's largest skilled nursing and rehabilitation therapy providers. GHC is dedicated to delivery of high-quality, personalized healthcare to their patients and residents in nursing centers and assisted/senior living communities. All End-User sites in this application are GHC facilities.
2014 Progress Report	Grant funding was awarded. (464018.00)
	Sites visits were conducted to assess equipment needs at each of the eleven Genesis sites. Monthly conference calls were conducted to evaluate the progression of the project.

#2	Charleston Area Medical Center General, Memorial, Women and Children's Hospitals
COMMUNITY HEALTH NEED	Drugs/ Prescription and Illicit
IDENTIFIED HEALTH ISSUE	Prescription Drug Abuse
COMMUNITY SERVED	The state of West Virginia and border states

PROGRAM DESCRIPTION AND RATIONALE	Physician Drug Diversion Training - This program was developed and presented in cooperation with the West Virginia Board of Medicine and West Virginia Board of Osteopathic Medicine to meet the mandatory 3.0 hour CME requirement on Best Practice Prescribing of Controlled Substances and Drug Diversion Training. This material is designed to provide the primary care physician or specialty physician with an overview of topics related to proper prescribing of controlled substances and drug diversion training
STRATEGIC OBJECTIVE	PROVIDE PHYSICIAN DRUG DIVERSION TRAINING
GOALS TO ADDRESS THE HEALTH NEED	<ol> <li>Provide the Physician Drug Diversion Training.</li> <li>Meet the following compliance requirements under West Virginia's controlled substances laws and regulations:</li> <li>Follow the steps necessary to register, log-on and use West Virginia's controlled substance monitoring program.</li> <li>Recognize the epidemiology of chronic pain and distinguish the proper use and misuse of opiods through patient evaluations and risk assessment tools.</li> <li>Follow the proper protocol when using opiods in the treatment of chronic pain including an understanding of toxicities and drug interactions.</li> <li>Discuss West Virginia statistics on prescription drug diversion and abuse.</li> <li>Identify drug seeking tactics and behaviors and understand the 'best practice' methods to work with patients suspected of inappropriate behavior.</li> <li>Follow case studies of an evidence-based protocol for starting patients on opiod analgesic therapy, including issues specific to safely initiating and titrating opiods including treatment objectives, monitoring, referral, informed consent, agreements, urine screens, pill counts, patient education, and medical record documentation.</li> </ol>
MEASURE TO EVALUATE THE IMPACT	CME course evaluation and participant post test scores
TIMELINE	July 2013- 2016
RESOURCES	WV State Medical Association WV Osteopathic Medical Association WV Board of Medicine WV Board of Osteopathic Medicine CAMC Health Education and Research Institute
2014 Progress Report	Total Participants in 2014: 2,365 (includes Physicians and mid-level providers) Participant evaluation average: 4.5 (Likert Scale 1-5) Participants post-test passing score: 80%

#3	Charleston Area Medical Center – General Hospital, Memorial Hospital and Women and Children's Hospital
COMMUNITY HEALTH NEED	PCP Ratio, Preventable Hospitalizations, Heart Disease, Poor Physical Health
IDENTIFIED HEALTH ISSUE	Coordination of Patient Care Across the Continuum
COMMUNITY SERVED	Patients in the primary and secondary service area
PROGRAM DESCRIPTION AND RATIONALE	The Family Medicine Center CMMI Demonstration Project is a collaborative project designed to connect hospitals and other health care "neighbors" with primary care practices with the overall goals of improving patient experience and driving better quality at a more affordable cost. Coordination of patient care across the continuum will reduce potentially avoidable admissions and improve health by providing access to primary and preventative care through these medical homes.

STRATEGIC OBJECTIVE	PROVIDE MEDICAL HOMES/NEIGHBORHOOD
GOALS	Achieve NCQA Patient Centered Medical Home (PCMH) Level 2
	Recognition in 2014.
	2. Increase preventive health screenings of Family Medicine Center (FMC)
	patients by 25%
	<ul><li>3. Increase flu vaccinations for FMC patients by 30%.</li><li>4. Spread PCMH-N practice methodology to other facilities.</li></ul>
	5. Decrease hospital readmissions through TCM.
	6. Decrease unnecessary Emergency Room (ER) use through enhanced
	patient management and more open access.
MEASURE TO EVALUATE THE	NCQA PCMH Level 2 Recognition
IMPACT	Measure number and type of preventive health screenings for FMC patients
	Measure percentage of FMC patients with flu vaccine documented each fall/winter
	PCMH Level 2 Recognition for CAMC Outpatient Care Center and for
	two of the Roane General Rural Health Centers
	Measure hospital readmissions in <30 days for improvement
	Measure ER Multiple Visit Patient (MVP) reports
TIMELINE	2014 - 2017
RESOURCES PARTNERS/COLLABORATORS	CMMI 3 year project funding CAMC Physician Group
PARTNERS/COLLABORATORS	WVU/Charleston
	Partner hospitals
2014 Progress Report	NCQA PCMH Level 2 Recognition – ACHIEVED 4/24/2014
	Measure number and type of preventive health screenings for FMC
	patients – ACHIEVED between January 2014 through July 2015 with the following increases:
	Breast Cancer Screenings – 42% to 46%
	Colorectal Cancer Screenings - 4% to 31%
	Cervical Cancer Screenings – 32% to 49%
	Overall Screening Compliance - January 2014 was 26%.
	<ul> <li>Increased in July 2015 to 42%.</li> <li>Overall preventative health screening improvement was</li> </ul>
	26%.
	Measure percentage of FMC patients with flu vaccine documented each fall/winter- Reporting issue with NextGen- in progress of obtaining data.
	<ul> <li>PCMH Level 2 Recognition for CAMC Outpatient Care Center and for two of the Roane General Rural Health Centers – OPCC not yet achieved; Roane General –ready to submit for recognition October 2015 for PCMH</li> </ul>
	Measure hospital readmissions in <30 days for improvement- TCM
	implemented 2014. Standing orders implemented in
	2014- in progress with reporting but having some challenges
	with NexGen.
	Measure Emergency Room Multiple Visit Patients.
	Total all ER's (Memorial, General, Women and Children's)
	Added new process in office - Reaching out to patients at 6
	Emergency Room visits and addressing barriers. Scheduling office visit prior to reaching ER MVP status.



#4	Charleston Area Medical Center – General Hospital, Memorial Hospital and Women and Children's Hospital		
COMMUNITY HEALTH NEED	Heart Disease, Lung Cancer, Poor Physical Health, Preventable Hospitalizations, Teen Birth Rate, Children Living in Poverty, PCP Ratio		
IDENTIFIED HEALTH ISSUE	Access to specialty health care		
COMMUNITY SERVED	Patients in the primary and secondary service area		
	CAMC's service area includes critical access and small rural hospitals in		
PROGRAM DESCRIPTION AND RATIONALE	need of access to specialist services.		
STRATEGIC OBJECTIVE	PROVIDE ACCESS TO SPECIALTY HEALTH CARE FOR		
STRATEGIC OBJECTIVE			
	THE SERVICE AREA THROUGH MEDICAL STAFF		
	RECRUITMENT		
GOALS TO ADDRESS THE	Recruit medical staff for high priority community needs		
HEALTH NEED	Ensure access to needed specialists		
MEASURE TO EVALUATE THE	Medical Staff recruited to service specialty needs based on the Medical		
IMPACT	Staff Development Plan		
	Number of medical staff specialty offerings		
TIMELINE	Ongoing		
RESOURCES	Medical Staff recruitment and loan expenses; income guarantees		
PARTNERS/COLLABORATORS	CAMC Physician Group, WVU/Charleston		
2014 Progress Report	High Priority Physicians Recruited in 2014		
	Anesthesiology – 2		
	Cardiology – 2		
	Critical Care Medicine – 2		
	Dermatology – 1		
	ENT/Head and Neck Surgery – 1		
	Emergency Medicine – 1		
	Family Medicine - 2		
	Hematology/Oncology – 1		
	Hospitalists – 8		
	Infectious Disease- 1		
	Internal Medicine – 1		
	Neurology – 1		
	Ophthalmology – 3		

Orthopedic Surgery and Trauma – 2
Pediatric Surgery – 1
Plastic Surgery – 1
Psychiatry – 1
Pulmonary Critical Care – 1
Surgery – 1

#5	Charleston Area Medical Center – General Hospital, Memorial Hospital and Women and Children's Hospital
COMMUNITY HEALTH NEED	Preventable Hospitalizations, Poor Physical Health, PCP Ratio
IDENTIFIED HEALTH ISSUE	HIV in West Virginia
COMMUNITY SERVED	Part C 19 county service area (3 new counties added in 2013) in southern West Virginia
PROGRAM DESCRIPTION AND RATIONALE	The CAMC/WVU Charleston Division Ryan White (RW) Program's mission is to increase access to services for individuals at-risk for, or infected with HIV disease and to provide culturally sensitive, quality, comprehensive HIV-related primary care, regardless of a patient's ability to pay. The program is currently the only fully funded Part C site in southern West Virginia and provides HIV primary care to approximately 333 individuals. 58 new patients were served in 2013. Services include primary, pregnancy/pediatric care and HIV specialty care; mental health; case management and social services; pharmacist counseling; peer advocacy and dental care. The program serves primarily the rural, underserved and impoverished counties of this area. Although funding has been level over the last ten years, our patient load has tripled. There are an estimated 1,000 individuals living with HIV/AIDS in our service area (1 in 5 are unaware of their diagnosis).
STRATEGIC OBJECTIVE	PROVIDE HIV PRIMARY CARE AND DECREASE NEW HIV INFECTIONS
GOALS TO ADDRESS THE HEALTH NEED	Quality Initiatives:  1. Framingham Heart Study QI Project  2. Tobacco Cessation Partnership with Covenant House  3. Syphilis QI Project  4. Tri-state Regional Group – Viral Load Suppression/HAART Project  5. Partnership for Health  6 Oral Care PI Project  Outreach:  • Free rapid HIV testing in clinics  • Media
	<ul> <li>Youth education in grades 7-10 in Kanawha County</li> <li>Presentations</li> <li>Prevention:</li> <li>Hepatitis B vaccines</li> <li>Condom distribution</li> </ul>

MEASURE TO EVALUATE THE IMPACT  TIMELINE  RESOURCES	<ul> <li>Number of participants program</li> <li>Number of new contacts</li> <li>Number of participants in quality initiatives</li> <li>Outreach programs and participants</li> <li>Prevention programs and participants</li> </ul> 2014-2016 CAMC Charity Care - \$512,061
	CAMC Outpatient Care Center - \$14,000 CHERI - \$73,545 WVU - \$15,000 non-HIV specific outpatient clinics HRSA - \$453,303 CDC - \$27,500 Presidential AIDS Initiative Supplemental Grant - \$40,000 CAMC Foundation - \$40,000 Program Income - \$18,000 Rainbow Run Fundraiser - \$800
PARTNERS/COLLABORATORS	CAMC Health Education and Research Institute, WVU School of Medicine/Charleston Division
2014 Progress Report	<ul> <li>Major Program Accomplishment Highlights:</li> <li>Increased access to care to the most vulnerable and increasing populations;</li> <li>provision of around-the-clock primary care;</li> <li>provision of mental and dental health care services;</li> <li>establishment of an off-site satellite clinic in Beckley (one hour south of Charleston);</li> <li>provision of peer educator services;</li> <li>screening for high-risk sexual behavior of all enrolled RW clients corresponding risk-reduction strategies for HIV transmission;</li> <li>comprehensive use of the CAREWare data system for generating reports and required HRSA submissions;</li> <li>beginning to establish provision of rapid HIV testing of partners of RW enrolled clients and other interested individuals;</li> <li>provision of much-needed education about HIV screening and testing to other health care providers and to the community in general;</li> <li>establishment of an effective referral network to and from other medical care and/or case management and/or social service agencies/organizations;</li> <li>establishment of effective partnerships with other Ryan White funded entities in West Virginia and surrounding states.</li> </ul>
	Provision of Mental and Oral Health: Areas of HIV primary care that did not exist prior to this program include mental health care and dental care. Before Part C funding, providers did not see these patients and patients had

no access to effective psychiatric medication management. Nearly 50% of all enrolled patients have been identified as having a mental health problem and have been referred/seen by either a psychologist and/or psychiatrist. A patient's mental health affects all aspects of his/her overall health status, and has particular impact on adherence to medications and to medical care in general. This area of care has probably had more positive impact on our patients than any other area. The program also provides dental/oral care services for this population.

Increasing Awareness among Providers and the Public: Because of effective marketing and outreach of the program, the medical community and public recognize CAMC as a leader of HIV care in the state. The program staff participates in continuing medical education throughout the 19-county service area for health care providers and community members. We are working to dispel myths and minimize stigma. The program's brochures, posters, newsletter and website are a successful part of these efforts.

#### Collaboration:

Successful linkages with other Ryan White funded entities in four border states have been created. In West Virginia, the CAMCRWP has an effective working relationship with the WVU Part C program in Morgantown as well as the Part B coordinator and Part B case managers assigned to the CAMCRWP service area. Part B case managers and Part C program staff worked tirelessly and thoroughly in 2013 to assist clients in navigating changes that occurred due to the ACA. In 2014, only a handful of individuals remain uninsured due to expanded WV Medicaid and the Insurance Marketplace. Coordination between all RW Part programs in WV also occurs each year for a statewide All-Titles meeting every spring. Outside of WV, the CAMCRWP has had substantial contact with the Part C programs at the University of Kentucky and the University of Pittsburgh. CAMC also participates in a regional tri-state quality group with at least nine other Part C sites throughout WV, Ohio and western Pennsylvania.

#### Quality:

The CAMCRWP established an effective Quality Improvement Program. Through the HIVQUAL tool, patient satisfaction surveys, Consumer Focus Groups and monthly staff meetings to review patient care, several clinical and/or administrative areas for improvement have been identified.

Satisfaction: The program is viewed in an extremely positive light by the patients it serves. Patient satisfaction surveys show extremely high scores.

#6	Charleston Area Medical Center – General Hospital, Memorial Hospital and Women and Children's Hospital
COMMUNITY HEALTH NEED	The wealth creation approach intends to improve the livelihoods of poor people by creating wealth that is owned, controlled, and reinvested in places, so that they become valued partners.
IDENTIFIED HEALTH ISSUE	Unemployment/Jobs/Poverty and Obesity/Overweight/Poor Eating Habits
COMMUNITY SERVED	Growers in our Primary Service Area and patients and families in our Primary and Secondary Service Areas
PROGRAM DESCRIPTION AND RATIONALE	CAMC is working with The Greater Kanawha Valley Foundation as part of their wealth/ value chain creation approach. This approach bridges conventional approaches to community and economic development by using a systems framework, working with wealth creation value chains. CAMC's 5 county primary service area is comprised of 356,000 people with small increases in the size of the working population since 1990. 18% of people and 25% of children live in poverty with little improvement over of the past 10 years. The health connection is that improvements in health care are associated with higher productivity in the workforce and for the economy overall. The Ford Foundation's value chain premises are that we need to be intentionally inclusive of poor people and places as economic contributors to have a positive impact on wealth in our communities.
STRATEGIC OBJECTIVE	BUILD THE BASE OF LOCAL GROWERS PROVIDING FRESH HERBS, FRUITS AND VEGETABLES TO CAMC
GOALS TO ADDRESS THE HEALTH NEED	<ol> <li>Address obstacles that stand in the way of an effective value chain (such as policy barriers, consumer education, and access to resources).</li> <li>Implement the locally grown food value chain.</li> <li>Grow jobs for people in the community.</li> </ol>
MEASURE TO EVALUATE THE IMPACT	<ul> <li>Number of growers providing fresh food to CAMC</li> <li>Amount of produce purchased by CAMC</li> <li>Cost to CAMC for the value chain</li> </ul>
TIMELINE	2014 – 2017
RESOURCES	Greater Kanawha Valley Foundation for facilitation and meeting support; Ford Foundation expertise and facilitation; CAMC budget
PARTNERS/COLLABORATORS	Greater Kanawha Valley Foundation Morrison's Food Services Corey Brothers WV Department of Agriculture Local Growers WV State University Extension Appalachian Regional Fellowship Program
2014 Progress Report	Figure 7.4-22 Local Fresh Produce Purchases  500 400 200 200 300 300 300 310,000 \$10,0

One local grower has completed GAP certification. Worked with
state Department of Agriculture to increase the number of
training classes and timeliness of certification process. Met with growers and interest has increased. Supported growers with developing their Farm Safety Plans. Figure above shows number of cases purchased by CAMC during the 2014 growing season and projected increase in volumes. One grower is planning to provide CSA boxes to CAMC employees and medical staff for the 2015 season. CAMC is also purchasing
now from the following WV businesses:
<ul> <li>Brunetti Bakery / McConnell Farms and Mill - Grows</li> </ul>
wheat for flour
<ul> <li>Earthgrains Bakery Group</li> </ul>
Lone Star Western Beef
Mr. Bee Potato Chips
United Dairy

### CAMC GENERAL HOSPITAL COMMUNITY BENEFIT PLAN IMPLEMENTATION STRATEGY

CAMC General Hospital (268 beds) focuses primarily on the neurological, orthopedic, trauma and rehabilitation service lines. Medicine and general surgery cross both Memorial and General Hospitals.

#7	CAMC General Hospital
COMMUNITY HEALTH NEED	Obesity/Overweight/Poor Eating Habits
IDENTIFIED HEALTH ISSUE	Obesity
COMMUNITY SERVED	Patients in the primary and secondary service area
PROGRAM DESCRIPTION AND RATIONALE	In 2010, West Virginia's obesity rate was 33%. Bariatric surgery has been found to address obesity and resolve diabetes in the obese population.
STRATEGIC OBJECTIVE	SUPPORT REDUCTION OF OBESITY TO IMPROVE HEALTH THROUGH PROVIDING A BARIATRIC SURGERY PROGRAM
GOALS TO ADDRESS THE HEALTH NEED	Maintain Bariatric Surgery Center of Excellence designation     Provide educational and exercise component for adult weight loss
MEASURE TO EVALUATE THE IMPACT	<ul> <li>Patients following protocol for surgery</li> <li>Adherence to Center of Excellence standards</li> </ul>
TIMELINE	Ongoing
RESOURCES	CAMC

#### 2014 Progress Report



The CAMC Weight Loss Center is recognized as a Bariatric Surgery Center of Excellence by the American Society for Metabolic and Bariatric Surgery. In addition, it is a recipient of the Blue Distinction Centers designation for Bariatric Surgery by the Blue Cross and Blue Shield Association for meeting quality-focused criteria that emphasize patient safety and outcomes. In addition, Gastric Banding was designated as a Blue Distinction Center+ for meeting cost of care measures.

The Weight Loss Center is designed to meet the criteria of the joint ASMBS and ACOS (MBSAQIP). All patient data is submitted to the benchmark database and outcomes and comparisons are made against 668 sites across the country. The benchmark data is used to measure outcomes and the success of our patients. All patients must complete the criteria of a minimum of 3 office visits, dietary counseling, and a psychological evaluation, plus show behavioral changes of diet and exercise before a surgical procedure. No patients go to surgery without following the criteria for the Center of Excellence and the minimum standard of care.

### CAMC MEMORIAL HOSPITAL COMMUNITY BENEFIT PLAN IMPLEMENTATION STRATEGY

CAMC Memorial Hospital (424 beds) supports the cardiac, peripheral vascular and oncology services lines with admissions and outpatient visits. Medicine and general surgery cross both Memorial and General Hospitals.

#8	CAMC Memorial Hospital
COMMUNITY HEALTH NEED	Cancer, Lung Cancer
IDENTIFIED HEALTH ISSUE	Continuum of care support for cancer patients and cancer survivors
COMMUNITY SERVED	Patients in the primary and secondary service area
PROGRAM DESCRIPTION AND RATIONALE	Cancer is the second most common cause of death in West Virginia and Kanawha County has one of highest cancer mortality rates in WV. CAMC's cancer center volumes increase annually and our mission is "striving to provide the best health care to every patient, every day." Support services for our cancer patients are critical in meeting our mission.
STRATEGIC OBJECTIVE	GROW THE CANCER PATIENT NAVIGATION AND SURVIVORSHIP PROGRAM
GOALS TO ADDRESS THE HEALTH NEED	Utilize the oncology patient navigation program.     Grow the cancer survivorship program
MEASURE TO EVALUATE THE IMPACT	<ul> <li>Number patients supported in patient navigation system</li> <li>Number of patients supported in survivorship program</li> <li>Patient satisfaction with the programs</li> </ul>

TIMELINE	
2014-2016	
RESOURCES	
Staff education; information system;	program development
PARTNERS/COLLABORATORS	
Benedum Foundation	
2014 Progress Report The CAMC Cancer Center now	has three nurse navigators, two
	vivorship coordinator. This is an
	ogram that began with one nurse
navigator and one financial nav	
allowed the nurse navigators to	
nurse navigation education eve	
	o-date, evidenced-based practice.
	ncreased significantly. The nurse
navigators have accomplished	
	over 2, 100 patient encounters
this year.	d
Additionally, the grant provided	
·	satisfaction at the Cancer Center
is 94%.	
The survivorship program has	
approximately 30 patients and v	will begin to see 15-20 patients
per week. The initial goal was 2	200 patients; however the
Commission on Cancer decrea	sed the number of required care
plans for 2015 to 10% of patient	ts that were treated with a
curative intent. This changed th	he Cancer Center's goal to a
	s year. This goal will be met and
exceeded by the conclusion of	

### CAMC WOMEN AND CHILDREN'S HOSPITAL COMMUNITY BENEFIT PLAN IMPLEMENTATION STRATEGY

CAMC Women and Children's Hospital (146 beds) focuses on mother, baby, pediatric and gynecology service lines.

#9	CAMC Women and Children's Hospital
COMMUNITY HEALTH NEED	Obesity, Children Living in Poverty
IDENTIFIED HEALTH ISSUE	Obesity/Nutrition
COMMUNITY SERVED	Children and their families in the primary and secondary service area.
PROGRAM DESCRIPTION AND RATIONALE	The 2013 "F as in Fat" report, ranked WV as #1 in diabetes and #2 in physical inactivity. High school students have reached an overweight and obesity rate of 30.3% and younger children age 2-4 years already have obesity rates of 14%. The CAMC Weight Loss Center provides comprehensive and multidisciplinary weight management offerings across the lifespan. The children's component is under the direction of Dr. Jamie Jeffrey, Medical Director of HealthyKids Pediatric Weight Management Program.

STRATEGIC OBJECTIVE	REDUCE CHILDHOOD OBESITY, TREAT CO-MORBIDITIES AND PREVENT DIABETES
GOALS TO ADDRESS THE HEALTH NEED	Provide childhood obesity program     Increase awareness of the program     Increase access to care
MEASURE TO EVALUATE THE IMPACT	<ul> <li>Participation</li> <li>Weight loss and improved metabolic parameters in participants</li> <li>Assess and address impact on the child's family</li> </ul>
TIMELINE	2014- 2016 and ongoing
RESOURCES	Internal funding
2014 Progress Report	HealthyKids Pediatric Weight Management (HealthyKids) began 10 years ago offering group visits only one evening a week. In 2013 clinical time was increased to 3 clinics per week and 1 evening group. The new patient volume has nearly doubled in 2014 (from 33 in 2013 to 61 new patients and their families). The access has also improved with decreasing 3 <sup>rd</sup> appointment time out for a new patient from 39 days to 18 days. Total patient visits volumes have also increased from 227 encounters to 261 encounters (this does not include the evening group visits). The 3 <sup>rd</sup> appointment out for existing patients is 7 days.  HealthyKids celebrated with outstanding clinical outcomes in 2014 with 96% of patients lowering their BMI from their first to last documented office visit. We also increased services to our patients and families including guest speakers, grocery store tours, menu planning and cooking classes which contributed to their success.

#10	CAMC Women and Children's Hospital
COMMUNITY HEALTH NEED	Obesity, Children Living in Poverty
IDENTIFIED HEALTH ISSUE	Obesity/Nutrition
COMMUNITY SERVED	The Keys 4 Healthy Kids initiative focused on low resource, at-risk youth and their families in the East End and the West Side of Charleston. These neighborhoods all shared similar disparities in terms of lack of access to safe venues for physical activity and healthy, affordable foods; however all had strong neighborhood associations. The program expanded to cover all of Kanawha County and 9 surrounding counties over a 4 year period. During this next phase, some components will become statewide.

#### PROGRAM DESCRIPTION AND In December 2009, CAMC and CHERI along with the Kanawha Coalition established a KEYS 4 HealthyKids (KEYS) partnership that received a four-**RATIONALE** year, \$360,000 grant from the Robert Wood Johnson Foundation's *Healthy* Kids, Healthy Communities grant program. The partnership focused on increasing access to fresh and affordable foods and increasing physical activity opportunities within Charleston's East End and West Side neighborhoods. The partnership's reach expanded throughout Kanawha County and the surrounding nine counties over the course of the grant and leveraged an additional \$1.6 million in matching funds and in-kind resources. KEYS 4 HealthyKids impacted the community through policy and environmental change to increase access to healthy affordable food and physical activity opportunities. Through the assessment phase, KEYS learned that residents had an interest in community gardens and pocket parks within their neighborhoods to increase access to healthy affordable food and physical activity opportunities. KEYS also learned that area childcare facilities needed technical assistance to create policies within their facility that improved access to healthy, affordable food and physical activity for the children they served. Through community partnerships, KEYS offered a training program to childcare centers, sparked interest in community gardens and formed a community gardens committee, and identified two vacant properties for pocket parks. Over the course of the project, partnership leadership worked to sustain each individual project and the partnership as a whole. In the last year of funding, KEYS created a sustainability plan to ensure the work continued into the future that focused its future direction on high priority strategies. STRATEGIC OBJECTIVE PREVENT CHILDHOOD OBESITY Establish a Community Action Toolkit and Peer Learning Network. **GOALS TO ADDRESS THE** Establish a School and Youth Garden Network. **HEALTH NEED** 3. Provide Natural Learning Environments and edible gardens at childcare and after school facilities. 4. Provide NAP SACC in Charleston and across West Virginia. 5. Imagine Charleston policy development. Establish KEYS Youth Council. Expand the Try This Initiative across West Virginia. 8. MEASURE TO EVALUATE THE Toolkit and Learning Network operational with goals and outcome **IMPACT** measures established and tracked. School and Youth Garden Network operational. Number of gardens at childcare and after school facilities. NAP SACC statistics. Imagine Charleston policies developed and shared. KEYS Youth Council membership and number of meetings held. Try This Initiative outcomes. **TIMELINE** 2014-2016. RESOURCES CAMC Foundation - \$45,000 CAMC - \$20,000 (office space and equipment) The Greater Kanawha Valley Foundation - \$20,000 WV SANP-Ed Program - \$150,000 WV Bureau of Public Health - \$19,600 Coventry Cares - \$13.150 AmeriCorps VISTA

#### 2014 PROGRESS REPORT

KEYS 4 HealthyKids had a very successful year with increased reach with youth gardens, childcare center nutrition and physical activity improvements, and leading a campaign for 30 minutes of physical activity DAILY for WV students in prekindergarten through grade 12.

A high level summary of outcomes follows:

- 1. In order to increase access to healthy affordable food especially focusing on fruit and vegetable intake KEYS created 5 new growing spaces for youth/school gardens at 5 different elementary schools in Kanawha County that served low income students (defined by >45% free/reduced lunches).
- 2. KEYS continued support of three youth/school gardens and one community garden. KEYS added an additional two community garden sites at housing developments that also hosts afterschool care.
- 3. A total of ten youth sites participated in garden-based leaning utilizing science and math. KEYS School and Youth Garden Support Network also thrived with a 25% in membership and hosting a whole day garden symposium for youth garden with over 100 in attendance.
- 4. KEYS greatest policy accomplished occurred in 2014 after years of advocating for physical activity policy in legislation and at the WV Dept of Education. We are proud to report that Policy 2510 was passed by the WV Department of Education to require the following: Students must be given 30 minutes of physical activity daily, physical education must be spent in >50% moderate to vigorous physical activity, and accountability will be monitored under the direction of Office of Educational Performance Audit (Policy 2320). This Policy was adopted and began in July 2014. We continue to offer technical assistance to the state board, county wellness team and at the school level.
- 5. KEYS began work on outdoor natural play spaces and recruited four sites in 2014. Four design plans at a school, community school, church and daycare center are completed and three of the projects have been started. Two play spaces are completed. An additional five natural play spaces were started among community partners who attended the "Try This" conference and received a mini-grant.
- 6. Community partners to create healthy, active living communities increased as well in 2014 by training communities at the Try This conference, offering technical assistance and support in completing mini-grants. Sixteen of KEYS partners/communities applied for mini-grants and 14 were awarded. The projects included community gardens, physical activity clubs and equipments, traditional play grounds and natural play grounds and outdoor classrooms.
- 7. At the school level, 11 Kidz Advocates in 4<sup>th</sup> and 5<sup>th</sup> grade were trained on big fat industries and couch potato companies (educated consumerism). They trained 74 peers in 4<sup>th</sup> and 5<sup>th</sup> grade at three elementary schools and 844 adults. Kidz

Advocates also presented to Senators and Delegates at the last legislative session on physical activity and sugar sweetened beverages.  8. Nine childcare centers participated in the three workshop series on nutrition and physical activity self assessment for child care (NAP SACC). Centers improved their nutrition scores by 20% and physical activity scores by 17% affecting over 900 children ages 2-5. Five centers added container or raised beds at their sites. Formal evaluation showed that 90% of participants implemented policies and practices to improve their care for improving nutrition and physical activity.
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#11	CAMC Women and Children's Hospital				
COMMUNITY HEALTH NEED	Children Living in Poverty				
IDENTIFIED HEALTH ISSUE	Mental Health Services for vulnerable pediatric and adolescent populations				
COMMUNITY SERVED	8 rural counties in WV (Kanawha, Boone, Webster, Jackson, Calhoun, Fayette, Pocahontas, and Greenbrier)				
PROGRAM DESCRIPTION AND RATIONALE	West Virginia Kids Intervention and Developmental Services Initiative ( <u>WV KIDS</u> ) will increase access to mental health services for the most vulnerable pediatric and adolescent populations. This project will impact more than 20,000 children and adolescents and allow them access to state-of-the-art telemedicine services using distance telemedicine equipment in fixed locations. The hub site is located at Highland Hospital in Charleston, WV and the end-user sites, all members of the Partners in Health Network, are located in eight rural counties: Kanawha, Boone, Webster, Jackson, Calhoun, Fayette, Pocahontas, and Greenbrier. The site list for the project is listed below:				
	Site Name	Site Designation	Site Address	County	Population
	Highland Hospital	Hub	300 56 <sup>th</sup> Street Charleston, WV 25302	Kanawha	51,400
	Boone Memorial Hospital	End-User	701 Madison Avenue Madison, WV 25705	Boone	3,076
	Cabin Creek Health Systems	End-User	79 Cabin Creek Road Dawes, WV 25054	Kanawha	656
	Camden-on-Gauley Medical Center	End-User	1003 Webster Camden-on-Gauley, WV 26208	Webster	169
	Jackson General Hospital	End-User	122 Pinnell Street Ripley, WV 25281	Jackson	3,252
	Minnie Hamilton Health System	End-User	186 Hospital Drive Grantsville, WV 26147	Calhoun	561
	New River Health Association	End-User	57 Sutphin Lane Scarbro, WV 25971	Fayette	486
	Pocahontas Memorial Hospital	End-User	150 Duncan Road Buckeye, WV 24924	Pocahontas	1,054
	Rainelle Medical Center	End-User	645 Kanawha Avenue Rainelle WV 25962	Greenbrier	1,505
	Riverside Health Center	End-User	1 Warrior Way, Suite 103, Belle, WV 25015	Kanawha	1,260
	Webster County Memorial Hospital	End-User	324 Miller Mt. Drive Webster Springs 26288	Webster	776
			r this project takes in e goals of providing		

	T	
STRATEGIC OBJECTIVE  GOALS TO ADDRESS THE HEALTH NEED	health services. This includes videoconferencing equipment, telemedicine carts that offer stable and safe moving of equipment within the facility, high-definition monitors to enable patient face recognition, expressions, and any other data that requires a close up view of the patient. A high definition camera and microphones aid in providing psychiatric diagnoses, care and therapy. The equipment will enable multi-site views on one monitor for group meetings, as well as a system for non-video related content, such as documents and charts that are transmitted during meetings via videoconferencing. All of this equipment makes it possible for more mental healthcare services to be provided without the patient having to wait a great length of time to obtain an appointment, as compared to a standard office appointment, which typically takes weeks. Timely, expert psychiatric evaluations can dictate whether admitting a patient to a psychiatric hospital is the only alternative, allowing for the possibility of alternative, less expensive and higher quality care.  IMPROVE ACCESS TO MENTAL HEALTH SERVICES FOR VULNERABLE PEDIATRIC AND ADOLESCENT POPULATIONS  1. Increase access to psychiatrists, who will be able to assess and appropriately evaluate a patient, make a diagnosis, and prescribe treatment.  2. Provide therapy sessions with mental healthcare professionals via telemedicine  3. Provide peer-to peer consults with psychiatrists for community primary care physicians and other medical professionals.	
MEASURE TO EVALUATE THE IMPACT	<ul> <li>The number of children receiving tele-behavioral health services</li> <li>Appointment wait time</li> </ul>	
TIMELINE	2014- 2016	
RESOURCES	USDA – RUS Grant – submitted 7/2014 \$468,197 \$238,829 match for planned equipment expenditures	
PARTNERS/COLLABORATORS  2014 PROGRESS REPORT	CAMC Health Education and Research Institute, Inc Highland Hospital Partners in Health Network Participating sites include: Highland Hospital in Charleston, WV; Boone Memorial Hospital in Madison, WV; Cabin Creek Health Systems in Dawes, WV; Camden-on-Gauley Medical Center in Camden on Gauley, WV; Jackson General Hospital in Ripley, WV; Minnie Hamilton Health System in Grantsville, WV; New River Health Association in Scarbro, WV; Pocahontas Memorial Hospital in Buckeye, WV; Rainelle Medical Center in Rainelle, WV; Riverside Health Center in Belle, WV; and Webster County Memorial Hospital in Webster Springs, WV. Funding was awarded. (229368.00)	
2014 I NOONLOO NEI ONI	Contact was made with Highland Hospital to build a team for the project with the CAMC Institute and Partners in Health.	

#12	CAMC Women and Children's Hospital
COMMUNITY HEALTH NEED	Tobacco Use/Secondhand Smoke Exposure, Teen Birth Rate
IDENTIFIED HEALTH ISSUE	Tobacco use in pregnant women
COMMUNITY SERVED	23 counties in southern West Virginia
PROGRAM DESCRIPTION AND	West Virginia is number one in the nation for tobacco use among pregnant

RATIONALE	women (28.7%). Research has well established that tobacco dependence during pregnancy causes the risk of poor fetal outcomes. In an effort to ameliorate tobacco dependence among smoking pregnant women, smoking cessation programs have been tailored to this specific population. The tobacco cessation program for pregnant women (Tobacco Free for Baby and Me) was developed at CAMC's Women and Children's Hospital in the obstetric clinic in conjunction with the WV Bureau for Public Health's Division of Tobacco. The program addresses the needs of pregnant tobacco users through a comprehensive approach to training providers in the best practices for tobacco cessation and provides a standardized training program. Part of this program involves asking women about their tobacco usage during each perinatal visit. In conjunction with substance abuse testing, a Cotinine test was added to the initial prenatal screening. The purpose of this study is to determine if using Cotinine Biomarker
STRATEGIC OBJECTIVE	Feedback will reduce prenatal smoking and improve perinatal outcomes.  PROVIDE TOBACCO CESSATION FOR PREGNANT
	WOMEN
GOALS TO ADDRESS THE HEALTH NEED	<ol> <li>Provide training to all staff in the Women's Medicine Center (WMC) in tobacco cessation</li> <li>Provide ongoing counseling to every women in the WMC regarding the harmful effects of tobacco</li> <li>Continue research to validate the benefits of cessation</li> <li>Identify if Cotinine testing improves cessation rates and secondarily to compare fetal outcomes with reduction of tobacco use</li> <li>Increase the quit rate among pregnant women in WV</li> </ol>
MEASURE TO EVALUATE THE IMPACT	<ul> <li>Monthly statistics that address the number served and the validated quits.</li> <li>Results of Cotinine Biomarker Feedback on prenatal smoking and perinatal outcomes.</li> </ul>
TIMELINE	2014-2016
RESOURCES	CAMC Foundation CAMC Women and Children's Medicine Center CAMC Health Education and Research Institute WVU Medical Division of Tobacco Prevention WV Quit line
2014 Progress Report	All goals were accomplished. 636 pregnant women were identified as smokers in the CAMC Women's Medicine Center in 2014. The smoking cessation program was provided with an average of 21.5% quit rate reported. The national quit rate average is 13%. The quits are validated by CO monitoring at each visit.



# APPENDIX LISTING OF ADDITIONAL 2014 COMMUNITY BENEFIT PROGRAMS FOR CHARLESTON AREA MEDICAL CENTER







# Charleston Area Medical Center For Period 1/1/2014 – 12/31/2014

# Community Health Improvement Services (A)

Community Health Education (A1)

**AARP Driving Safety Courses** 

Description: Educational program designed to demonstrate how age related changes may affect seniors' driving

safety, promote safety, educate our geriatric population and reduce motor vehicle accidents.

Category: A1

**Gender:** Both Males and Females

**Department:** 25780 (Health Information Center) **Department Contact:** Beverly Thornton (388-9989)

Objective: Participants will understand age-related changes that may affect their driving and improve their

safety on the road.

 Persons:
 75

 Expenses:
 2,085

 Revenues:
 0

 Benefit:
 2,085

Alzheimer's Walk

**Description:** Walk to promote awareness and raise funds for Alzheimer's Research.

Category: A1

Gender: Both Males and Females

**Department:** 46509 (Southridge Imaging Center)

**Department Contact:** Kelly Combs (388-7031)

**Objective:** Raise awareness and funds to support Alzheimer's Research.

Persons: 90 Expenses: 795 Revenues: 0 Benefit: 795

**Asthma Awareness** 

**Description:** Informational displays at the Capitol City Market on World Asthma Day and at the State Capitol

promoting asthma awareness. Staff participated in the Kid Strong Conference by providing an Asthma 101 presentation to school nurses/teachers/coaches; participated in the Asthma Education Institute and the Respiratory Ralley Hall-O-Wheeze as well as presentations to the community

promoting asthma awareness.

Category: A1

Gender: Both Males and Females
Department: 42500 (Respiratory Care)
Community Need: Curry Care)
Community Need: Lung Disease/Asthma/COPD

**Objective:** Promote awareness of asthma to support early diagnosis and treatment.

 Persons:
 350

 Expenses:
 3,895

 Revenues:
 0

 Benefit:
 3,895

ATV & Bicycle Safety Program

**Description:** A program designed to teach ATV and bicycle safety at local elementary schools.

Category: A1

**Gender:** Both Males and Females **Department:** 41232 (Trauma Services)

**Department Contact:** Kim Morgan, RN, BSN (388-7809)

Community Need: Lack of Physical Activity

Objective: To educate elementary school children regarding ATV, bicycle, and playground safety. Six bicycle

helmets were donated to students who did not have helmets.

Persons: 513

**Expenses:** 585 **Revenues:** 0 **Benefit:** 585

#### **Basic Life Support Training for the Community**

**Description:** Free basic life support training classes offered to the community.

Category: A1

Gender: Both Males and Females

Department: 25780 (Health Information Center)
Department Contact: Beverly Thornton (388-9989)
Community Need: Heart Disease/High Blood Pressure

**Objective:** Train community members in basic life support skills.

 Persons:
 360

 Expenses:
 10,300

 Revenues:
 4,500

 Benefit:
 5,800

**Bicycle Safety** 

Description: A safety presentation that provides facts on bicycle related injuries, helmet effectiveness, safety tips,

hand signals and the rules of the road to area elementary school students.

Category: A1

**Gender:** Both Males and Females **Department:** 41232 (Trauma Services)

**Department Contact:** Kim Morgan, RN, BSN (388-7809)

Community Need: Lack of Physical Activity

**Objective:** Prevent bicycle injuries and promote the use of helmets.

 Persons:
 944

 Expenses:
 982

 Revenues:
 0

 Benefit:
 982

# Brain Injury Resource Awareness Group (BRAG)

Description: Bi-monthly meetings for brain injury survivors, family, friends or anyone else interested in the care,

rehab, and welfare of individuals who sustained and live with brain injury.

Category: A1

Gender: Both Males and Females
Department: 41346 (Medical Rehab)
Department Contact: Jeremiah Gagnon (388-7608)

**Objective:** To promote awareness of the many resources available to BI survivors and their friends and family.

 Persons:
 60

 Expenses:
 432

 Revenues:
 0

 Benefit:
 432

#### **CAMC Participation in State and National Registries**

Description: CAMC participates in multiple state and national registries to advance medical and health care

knowledge and improve the quality of patient care in West Virginia and across the nation. These registries provide important data on disease incidence, treatment outcomes, best practices, and emerging technology that is shared with facilities and health care providers across the country.

Registries include: WV Birth Registry and NICU/PICU Registries, National Vascular Quality Initiative, State and National Tumor Registries, the Society of Thoracic Surgeons Registry, the National Cardiovascular Data Registry, Implantable Cardiac Defibrillators Database, and the

Transcatheter Aortic Valve Replacement Registry.

Category: Al

Gender: Both Males and Females
Department: 21930 (Coding and Registry)
Department Contact: Ebenetta Rhinehart (388-7980)

Community Need: Cancer, Heart Disease

Objective: Advance medical/health care knowledge in obstetrics, neonatology, oncology, invasive cardiology,

and vascular medicine in West Virginia and across the nation. The sharing of the information gathered on diagnosis, procedures performed, patient care outcomes, and survival rates is vital to

ensuring quality of care.

**Persons:** Unknown **Expenses:** 2,408,939 **Revenues:** 0 Benefit: 2,408,939



**Car Seat Safety** 

**Description:** A program designed to instruct new parents on the use of car seats purchased through Prevention

First Grant for the car seat safety class.

Category:

Gender: Both Males and Females **Department:** 43608 (Family Resource Center) **Department Contact:** Kelly Gilbert (388-2545)

> **Objective:** Teaches new parents how to safely utilize the car seat they have been provided. If the restraint

> > devices are used correctly the potential for injury to the child in the event of a motor vehicle accident

is greatly reduced.

**Persons:** 134 **Expenses:** 3,657 **Revenues:** 0 Benefit: 3,657



Cardiac Kids

A program designed to go into Kanawha County Elementary Schools and perform blood work on the **Description:** 

students and educate them about the risks for cardiac disease that is identified from the findings.

Category: A1

Gender: Both Males and Females 43540 (WCH Lab) **Department: Department Contact:** Nassar Larijani (388-2386)

Heart Disease/High Blood Pressure **Community Need:** 

> **Persons:** 70 **Expenses:** 427 **Revenues:** 0 Benefit: 427

**Childbirth Education Classes** 

**Description:** Program designed for newly expectant parents.

Category:

Gender: Both Males and Females 43608 (Family Resource Center) Department:

**Department Contact:** Kelly Gilbert (388-2545)

**Objective:** Improved birth outcomes.

**Persons:** 2,196 Expenses: 45,693 Revenues: 0 Benefit: 45,693



**Closed Circuit TV Network System** 

**Description:** An on demand TV system offering over 100 educational videos for access to patients and their

families. The system also includes a relaxation channel and the ability to access videos based on

patient availability by making selections on their telephone keypad.

Category: A1

Gender: Both Males and Females

**Department:** 25780 (Health Information Center) **Department Contact:** Beverly Thornton (388-9989)

> Objective: To provide consistent patient education for our patients and their families.

**Persons:** Unknown **Expenses:** 40,300

**Revenues:** 0 **Benefit:** 40,300

#### **Community Health and Outreach**

**Description:** Health education resources provided for area health fairs on healthy eating, exercise and how to

access the many resources available at the Health Information Center. The HIC offers health

information on diseases and conditions, tests and procedures and other health topics.

Category: A1

**Gender:** Both Males and Females

**Department:** 25780 (Health Information Center) **Department Contact:** Beverly Thornton (388-9989)

Objective: Promote healthy lifestyles, health awareness, and the programs and services offered by the Health

Information Center.

 Persons:
 758

 Expenses:
 1,125

 Revenues:
 0

 Benefit:
 1,125

# **Compassionate Friends Support Group**

**Description:** Support group for bereaved parents.

Category: A1

Gender: Both Males and Females
Department: 43608 (Family Resource Center)
Department Contact: Kelly Gilbert (388-2545)

Objective: Nationally recognized support group for any bereaved parent.

 Persons:
 120

 Expenses:
 1,200

 Revenues:
 0

 Benefit:
 1,200

#### Digital Signage (CAMC TV) and Video PSAs

**Description:** CAMC TV is broadcasted throughout our three hospitals to provide educational topics ranging from

stroke identification to proper hand washing techniques and precautions to prevent the spread of

influenza.

Category: A1

**Gender:** Both Males and Females

**Department:** 25780 (Health Information Center) **Department Contact:** Beverly Thornton (388-9989)

**Objective:** Engaging and educating patients, family, and community on health education topics.

 Persons:
 Unknown

 Expenses:
 21,050

 Revenues:
 0

 Benefit:
 21,050

# **Distracted Driving/Driving Safety for Teens**

**Description:** Presentation about distracted driving statistics and habits. Review of safe driving practices and teen

driving safety followed by a question and answer session.

Category: Al

Gender: Both Males and Females
Department: 41232 (Trauma Services)
Department Contact: Kim Morgan (388-7809)

Objective: Create a greater awareness of the dangers associated with distracted driving by discussing the

common causes, the potential outcomes and traffic accident statistics. This is then translated down

to the impact it can have on the individual teen, their family, friends, and communities.

Persons: 225 Expenses: 275 Revenues: 0 Benefit: 275

#### **Driving Safety Community Events**

Description: Presentations at various community events that include the use of a Virtual Driver Interactive

Simulator to demonstrate the effects of distracted driving, drunk driving, and driving under the

influence of medications.

Category: A1

Gender: Both Males and Females
Department: 41232 (Trauma Services)
Department Contact: Kim Morgan (388-7809)

Objective: Prevent traffic accidents and fatalities.

 Persons:
 425

 Expenses:
 1,257

 Revenues:
 0

 Benefit:
 1,257



#### **Health Information Center**

Description: The Health Information Center provides up-to-date reliable health information via the website. The

 $\overline{HIC}$  provides email responses to specific health questions submitted by the public via email. The  $\overline{HIC}$  also provides a 1-800 telephone number where members of the community can request answers

to health information questions.

Category: A1

**Gender:** Both Males and Females

**Department:** 25780 (Health Information Center) **Department Contact:** Beverly Thornton (388-9989)

**Objective:** Promote health education in the community.

 Persons:
 579

 Expenses:
 350

 Revenues:
 0

 Benefit:
 350



# Imagine U: A Virtual Healthcare Experience

Description: CAMC broadcast of a craniotomy surgery narrated by a local physician via web cast to introduce

students to careers in healthcare using technology that links health science classrooms to the real world of health care and hospitals. Students from Boone, Clay, Roane, Jackson, Kanawha and

Putnam Counties participated.

Category: A1

Gender: Both Males and Females

**Department:** 21926 (Human Resources Workforce Dev)

**Department Contact:** Debby Roquet (388-3376)

Objective: Expose the students at eleven high schools in Kanawha and Boone Counties, four vocational and

technical centers to health care careers.

 Persons:
 1,300

 Expenses:
 9,985

 Revenues:
 0

 Benefit:
 9,985



#### **Infant Massage Classes**

**Description:** Classes for parents and infants that cover benefits of massage and specific techniques to soothe a

new baby.

Category: A1

**Gender:** Both Males and Females

**Department:** 43608 (Family Resource Center)

**Department Contact:** Kelly Gilbert (388-2545)

**Objective:** Parents learn to decrease tension, fussiness and irritability with their new babies.

 Persons:
 17

 Expenses:
 180

 Revenues:
 0

 Benefit:
 180

# Keys for Healthy Kids 5-2-1-0 Program

Description: The 5-2-1-0 Program is designed to modify childcare behavior and encourage children to live a

healthier lifestyle. CAMC partnered with Appalachian Power Park to hold 92 events in 50 area

elementary schools promoting the benefits of eating five servings of fruits and vegetables a day, limiting recreational TV time to two hours a day, encouraging one hour or more a day of moderate to vigorous physical exercise, and eliminating soft drinks and sugar sweetened sports drinks.

Category: A1

**Gender:** Both Males and Females **Department:** 21942 (Marketing)

**Department Contact:** Elizabeth Pellegrin (388-5757)

Community Need: Obesity

Objective: Decrease childhood obesity and teach children the benefits of a healthy diet and exercise in our

community.

Persons: Unknown Expenses: 3,122 Revenues: 0 Benefit: 3,122

#### **Komen Race for the Cure**

Description: Promoted breast cancer awareness at the event in our community by providing literature and

one-on-one education.

Category: A1

**Gender:** Both Males and Females

**Department:** 46509 (Southridge Imaging Center)

**Department Contact:** Kelly Combs (388-7031)

 Community Need:
 Cancer

 Persons:
 463

 Expenses:
 2,000

 Revenues:
 0

 Benefit:
 2,000

#### **Occupational Lung Center Outreach**

**Description:** Presentations on pulmonary diagnostic review for area professionals to measure the level of lung

impairment. The tests are used to evaluate and monitor diseases that affect heart and lung function, to monitor the effects of environmental, occupational, and drug exposures, to assess risks of surgery

and to assist in evaluation performed before employment or for insurance purposes.

Category: A1

Gender: Both Males and Females
Department: 47656 (Lung Center)
Department Contact: Byron Young (388-7111)
Community Need: Lung Disease/Asthma/COPD

Objective: Educate area professionals on how to utilize information from the Occupational Lung Center.

 Persons:
 14

 Expenses:
 250

 Revenues:
 0

 Benefit:
 250

# Organ Donation Night at Appalachian Power Park

Description: The renal transplant program at General Hospital sponsors an annual night at the ball park for organ

recipients and works in concert with the West Virginia Department of Motor Vehicles and others to educate the public on the importance of organ donation and to register individuals for organ

donation.

Category: A1

Gender: Both Males and Females
Department: 41452 (Transplant Center)
Department Contact: Glenn Martin (388-6525)

Objective: To heighten awareness of the importance of organ donation.

 Persons:
 4,000

 Expenses:
 1,500

 Revenues:
 0

 Benefit:
 1,500



#### **Playground Safety**

**Description:** An presentation with handouts given at area elementary schools to provide an overview of safety

precautions on the playground. The presenters review ways to prevent injuries and the students

provide feedback on injury prevention.

Category: A1

Gender: Both Males and Females
Department: 41232 (Trauma Services)
Department Contact: Kim Morgan (388-7809)
Community Need: Lack of Physical Activity

**Objective:** To prevent accidents on the playground.

 Persons:
 250

 Expenses:
 275

 Revenues:
 0

 Benefit:
 275

# **Pregnancy Massage Class**

Description: Interactive workshop where partners learn techniques to comfort the expectant mother and laboring

women.

Category: A1

Gender: Both Males and Females
Department: 43608 (Family Resource Center)
Department Contact: Kelly Gilbert (388-2545)

Objective: Promote massage for pregnancy, labor, and birth and lifelong general relaxation techniques to

decrease stress.

 Persons:
 24

 Expenses:
 550

 Revenues:
 0

 Benefit:
 550

# **Red Cross Blood Drive Support**

**Description:** Provides support, signage, and set up/clean up for Red Cross Blood drives held at CAMC facilities.

Category: A1

Gender: Both Males and Females
Department: 42562 (Transfusion Services)
Department Contact: Shari Griffith (388-4236)

**Objective:** Making employees and visitors aware that the Red Cross is having a blood drive and where they can

go if they wish to donate. Provide support for set up and clean up for the blood drive.

 Persons:
 120

 Expenses:
 784

 Revenues:
 0

 Benefit:
 784

# Relay for Life

Description: Staffed the Annual Relay for Life in Charleston which promotes cancer awareness and invites cancer

survivors and family to participate in the walk. The event raises money for the American Cancer

Society.

Category: A1

Gender: Both Males and Females
Department: 47441 (Chemotherapy)
Department Contact: Bev Farmer (388-8399)

Community Need: Cancer Persons: 100

 Expenses:
 240

 Revenues:
 0

 Benefit:
 240

# **Rural Trauma Packaging for Transport**

**Description:** Outreach activity designed to educate EMS personnel on the proper way to package and transport

trauma patients to trauma centers.

Category: A1

**Gender:** Both Males and Females

**Department:** 41232 (Trauma Services) **Department Contact:** Kim Morgan (388-7809)

**Objective:** Safe transport of trauma patients from the field to the trauma center.

 Persons:
 9

 Expenses:
 196

 Revenues:
 0

 Benefit:
 196

# **Sibling Prep Class**

**Description:** A 90 minute class for children who are soon to become big brothers and big sisters.

Category: A1

Gender: Both Males and Females
Department: 43608 (Family Resource Center)
Department Contact: Kelly Gilbert (388-2545)

**Objective:** To prepare children for the arrival of siblings.

 Persons:
 58

 Expenses:
 600

 Revenues:
 0

 Benefit:
 600

#### Spinal Cord Injury/ Support Education Awareness (SCI/SEA)

Description: Resource meetings held monthly for SCI survivors, family, new patients or anyone interested in the

care and rehabilitation and welfare of individuals who have sustained spinal cord injury.

Category: A1

Gender: Both Males and Females
Department: 41346 (Medical Rehab)
Department Contact: Jeremiah Gagnon (388-7608)

Objective: Expose new patients and community members to peers surviving with SCI. Education and updates

on research, new techniques and enhance accessible options and community awareness.

 Persons:
 21

 Expenses:
 683

 Revenues:
 0

 Benefit:
 683

#### **Think First For Kids**

Description: Program provided in Kanawha County elementary schools that focuses on the prevention of head

and spinal injuries.

Category: A1

Gender: Both Males and Females
Department: 41158 (Neuro ICU General)
Department Contact: Debbie Toney (388-3783)
Community Need: Lack of Physical Activity

**Objective:** Educate children to help prevent head and spinal injuries on the playground, riding

bicycles, car safety, and water safety.

 Persons:
 536

 Expenses:
 15,000

 Revenues:
 0

 Benefit:
 15,000

#### WV Health Occupations Students of America (HOSA)

Description: Provided two \$250 academic scholarships for post secondary education to 1st place winners in two

categories to student who compete in the annual WV HOSA State Leadership Conference.

Category: A1

Gender: Both Males and Females

**Department:** 21926 (Human Resources Workforce Dev)

**Department Contact:** Debby Roquet (8-3376)

Community Need: Educational Attainment/High School Dropout

**Objective:** Provide support to WV HOSA who works with area students interested in healthcare professions to

develop leadership and academic skills.

 Persons:
 300

 Expenses:
 500

 Revenues:
 0

 Benefit:
 500

Expenses Offsets Benefit Persons
\*\*\* Community Health Education (A1) 2,579,212 4,500 2,574,712 14,111

# Community Based Clinical Services (A2)

**CAMC Ryan White Program** 

**Description:** Primary outpatient care, education, and information for individuals in southern WV (service area is

16 counties in Public Health Districts 1, 3, and 4) who are at-risk or infected with HIV, regardless of

ability to pay.

Category: A2

**Gender:** Both Males and Females

**Department:** 46579 (Pharmacy Administration) **Department Contact:** Christine Teague (388-8106)

**Objective:** Primary care to at-risk and HIV infected persons in the service area.

 Persons:
 347

 Expenses:
 369,093

 Revenues:
 298,482

 Benefit:
 70.611



#### **Child Advocacy Center**

Description: Program designed to provide a safe, child friendly place for children with alleged sexual or physical

abuse or neglect. Provides a complete medical and psychosocial evaluation and may include a forensic interview. Provide training and education for prosecutors, Child Protective Services, law enforcement, physicians and health care providers. Also, testify and serve as expert witnesses and consultants. In 2014, the center provided child abuse prevention materials to over 2,000 children in area daycare providers and pediatricians offices and our instructors performed over 95 hours of child

abuse training to area professionals.

Category: A2

**Gender:** Both Males and Females

**Department:** 43602 (Children's Medicine Center)

**Department Contact:** Debbie Carte (388-2536)

 Persons:
 2,490

 Expenses:
 91,318

 Revenues:
 0

 Benefit:
 91,318

#### **Drug Addicted Mother Baby Program**

Description: Program for pregnant women who have been identified as drug users during the early stages of their

pregnancy.

Category: A2
Gender: Females

Department: 43608 (Family Resource Center)
Department Contact: Kelly Gilbert (388-2545)
Community Need: Drugs Prescription and Illicit

 Persons:
 660

 Expenses:
 8,000

 Revenues:
 0

 Benefit:
 8,000



# Medical Rehabilitation Recreational Therapy Program

**Description:** Medical Rehabilitation provides a Recreational Therapy Program both during a rehabilitation

patient's stay and as an aftercare option for patients needing the service. Services are provided at no charge and include functional activity, aquatic therapy, kinetic activity, activity daily living, family

conferences, and patient evaluations.

Category: A2

Gender: Both Males and Females
Department: 41346 (Medical Rehab)
Department Contact: Jeremiah Gagnon (388-7608)

**Objective:** The return of patients to the highest level of functionality that they can attain.

 Persons:
 220

 Expenses:
 1,733

 Revenues:
 0

 Benefit:
 1,733

#### **Outpatient Mental Health Services**

**Description:** Outpatient mental health services for the uninsured or underinsured.

Category: A2

Gender: Both Males and Females
Department: 43608 (Family Resource Center)
Department Contact: Kelly Gilbert (388-2545)
Community Need: Unemployment/Jobs/Poverty

Objective: Filling the gap in mental health services for the uninsured or underinsured. This program serves

individuals who have health insurance that does not cover behavioral health services or individuals

without health insurance.

 Persons:
 335

 Expenses:
 76,899

 Revenues:
 0

 Benefit:
 76,899

#### West Virginia Health Right Support

**Description:** A free clinic located in CAMC's service area that provides primary health care and adult dental care

to the uninsured and underinsured population. CAMC provides pharmacy support, maintenance and

housekeeping services to the free clinic.

Category: A2

**Gender:** Both Males and Females

**Department:** 46579 (Pharmacy Administration)

**Department Contact:** Brian Sayre (388-8106) **Community Need:** Unemployment/Jobs/Poverty

**Objective:** To support health care delivery to those unable to obtain services elsewhere.

Persons: Unknown Expenses: 141,888 Revenues: 0 Benefit: 141,888

**Expenses Offsets Benefit Persons** 

\*\*\* Community Based Clinical Services (A2) 688,931 298,482 390,449 4,052

# Health Care Support Services (A3)

**Challenged Sports Program** 

Challenged Sports

Description: Organize and coordinate a challenged sports program, games, leagues, and exhibitions to offer new

patients and individuals in the community an opportunity to participate in challenged sports.

Category: A3

Gender: Both Males and Females
Department: 41346 (Medical Rehab)
Department Contact: Jeremiah Gagnon (388-7608)
Community Need: Lack of Physical Activity

Objective: To expose the community to challenged sports such as wheelchair basketball leagues, marksmanship

and other events and exhibitions. The program helps individuals develop the skills necessary to participate in a recreation activity. It offers an outlet and an opportunity to pursue these sports at a

level in which they wish to compete.

 Persons:
 624

 Expenses:
 10,898

 Revenues:
 0

 Benefit:
 10,898

#### **Enrollment Assistance for Patients and Families for Health Coverage**

**Description:** Patient Accounts provides support to patients for enrollment in government programs or in obtaining

charity care. Financial Counselors address the charity process for CAMC patients. Over 21,000

charity and government enrollment applications were provided.

Category: A3

**Gender:** Both Males and Females

**Department:** 31706 (Finance)

Department Contact: Jay Richmond (388-6250) Community Need: Unemployment/Jobs/Poverty

 Persons:
 21,115

 Expenses:
 1,255,044

 Revenues:
 0

 Benefit:
 1,255,044

#### **Follow-Up After Perinatal Loss**

**Description:** Labor and Delivery RNs provide outpatient referral and resources for perinatal loss and bereavement.

Category: A3
Gender: Females

**Department:** 43110 (Labor & Delivery) **Department Contact:** Denise Burgess (388-2158)

**Objective:** Follow-up after experiencing perinatal loss.

Provide outpatient referral services/programs to support the patient after the loss.

 Persons:
 30

 Expenses:
 1,252

 Revenues:
 0

 Benefit:
 1,252

#### Look Good/Feel Better

**Description:** Professional cosmetologist provides makeovers for cancer patients.

Category: A3
Gender: Females

**Department:** 47441 (Chemotherapy) **Department Contact:** Bev Farmer (388-8399)

Community Need: Cancer

**Objective:** Improving self esteem and overall well being of the cancer patient.

 Persons:
 14

 Expenses:
 30

 Revenues:
 0

 Benefit:
 30

# **Patient Nourishment Program**

Description: Nutrition Services provides nutrition products to patients upon discharge until they can obtain the

product themselves through an outside source.

Category: A3

Gender: Both Males and Females
Department: 41802 (Nutrition Services)
Department Contact: Peg Andrews (388-3416)
Community Need: Unemployment, Jobs, Poverty

Objective: To provide appropriate and sufficient nutrition to discharged patients until an outside source is

obtained.

 Persons:
 3

 Expenses:
 501

 Revenues:
 0

 Benefit:
 501

	<b>Expenses</b>	Offsets	Benefit	Persons
*** Health Care Support Services (A3)	1,267,725	0	1,267,725	21,786

# Social and Environmental Improvement Activities (A4)

**CAMC Mall Walkers Program** 

**Description:** The Mall Walkers Program is provided at the Charleston Town Center and participants meet at 8:30

in the center court to discuss health topics such as stroke awareness, holiday meal planning, and infection prevention. Participants then are provided a parking pass to use between 7am and 10am

Monday through Saturday and they can walk at their own pace.

Category: A4

Gender: Both Males and Females

Department: 25780 (Health Information Center)
Department Contact: Beverly Thornton (388-9989)
Community Need: Lack of Physical Activity

**Objective:** Promote health education and exercise.

 Persons:
 225

 Expenses:
 3,000

 Revenues:
 0

 Benefit:
 3,000

**Expenses Offsets Benefit Persons** 

\*\*\* Social and Environmental Improvement Activities (A4) 3,000 0 3,000 225

# \*\*\*\* Community Health Improvement Services 4,538,868 302,982 4,235,886 40,174

Health Professions Education (B) Physicians/Medical Students (B1)

**CAMC Graduate Medical Education** 

Description: CAMC provides 17 residency and fellowship programs (allopathic and osteopathic including three

dual tracks). CAMC has medical school affiliations with West Virginia University School of Medicine and the West Virginia School of Osteopathic Medicine. In 2014, we had 171 medical

residents enrolled on campus.

Category: B1

Gender: Both Males and Females
Department: 31720 (Accounting)

**Department Contact:** Debbie McClure (388-3380)

**Persons:** 171 **Expenses:** 38,050,728 **Revenues:** 6,575,979

**Benefit:** 31,474,749

**Ethics in the Round** 

**Description:** Monthly presentations providing education to medical professionals on current ethics topics.

Category: B1

**Gender:** Both Males and Females **Department:** 25768 (Continuing Education)

**Department Contact:** Jay Ripley (388-9964)

**Objective:** Provide a forum for medical professionals to discuss ethics issues.

 Persons:
 310

 Expenses:
 20,810

 Revenues:
 0

 Benefit:
 20,810

**Geriatric Lunch Time Learning** 

**Description:** One hour educational lectures on various topics in geriatric medicine.

Category: B1

**Gender:** Both Males and Females **Department:** 25768 (Continuing Education)

**Department Contact:** Jay Ripley (388-9964)

**Objective:** To provide professional education to the medical community on geriatric topics and issues.

Persons: 303

Expenses: 11,800 Revenues: 0 Benefit: 11,800

**Pharmacy Journal Club Series** 

Description: Program for area pharmacists and pharmacy students to discuss and present journal articles, patient

cases, and relevant topics such as disease states, new drugs, new practice ideas pertaining to the practice of clinical pharmacy. Participants develop oral presentation and literature analysis skills related to the practice of clinical pharmacy and create professional enrichment opportunities to

practicing pharmacists in the WVU and CAMC system.

Category: B1

**Gender:** Both Males and Females

**Department:** 25780 (Health Information Center) **Department Contact:** Beverly Thornton (388-9989)

Objective: Increase educational opportunities for area pharmacists and pharmacy students.

 Persons:
 350

 Expenses:
 675

 Revenues:
 0

 Benefit:
 675

**Physician Guest Lecture Program** 

**Description:** Professional education lectures for physicians and healthcare professionals covering topics such as

Traditional Approaches to Pain Management, Resolving Shoulder Impairments, and the Dilemma of

Surgery in Extreme Old Age.

Category: B1

**Gender:** Both Males and Females **Department:** 25768 (Continuing Education)

**Department Contact:** Jay Ripley (388-9964)

Objective: Provide physician education to medical staff and medical students on CAMC's campus.

 Persons:
 225

 Expenses:
 13,680

 Revenues:
 0

 Benefit:
 13,680

**Rural Outreach Physician Education** 

**Description:** Outreach education provides professional education to physicians and health care providers in

outlying areas. In 2014, three outreach programs were held.

Category: B1

Gender: Both Males and Females

Department: 25768 (Continuing Education)

**Department Contact:** Jay Ripley (388-9964)

**Objective:** To further the education of health care professionals in rural West Virginia.

 Persons:
 55

 Expenses:
 3,521

 Revenues:
 0

 Benefit:
 3,521

**Expenses Offsets Benefit Persons**\*\*\* Physicians/Medical Students (B1) 38,101,214 6,575,979 31,525,235 1,414

Nurses/Nursing Students (B2)

**CAMC Nursing Education** 

Description: CAMC provides a clinical setting and staff instruction/supervision for students enrolled in nursing

programs affiliated with CAMC. CRNA, RN and BSN nursing students receive educational instruction and supervision while on patient care floors, in the operating rooms, or other patient care

areas.

Category: B2

**Gender:** Both Males and Females

**Department:** 46872 (Planning)

**Department Contact:** David Jarrett (388-7854)

**Objective:** To provide clinical experiences for students.

 Persons:
 115

 Expenses:
 2,091,027

 Revenues:
 0

 Benefit:
 2,091,027

**Future of Nursing WV** 

**Description:** A coalition of statewide and national providers that addresses the 2010 Institute of Medicine's

Recommendations for the Future of Nursing. The recommendations suggest new ways for nurses to practice and enhance access to care. The directives contained in The Future of Nursing: Leading Change, Advancing Health aim for an American health care system that centers on the patient, relies on evidence-based practices, and leads to the improved health of people in all categories and

locations.

Category: B2

Gender: Both Males and Females
Department: 46860 (Corporate Nursing)
Department Contact: Ron Moore (388-5486)

**Objective:** To work with the statewide committee as it addresses the 2010 Institute of Medicine's

recommendations for the future of nursing.

 Persons:
 Unknown

 Expenses:
 11,695

 Revenues:
 0

 Benefit:
 11,695

**Nursing Pathways Program** 

Description: CAMC and WV State Community and Technical College have formed a partnership to provide a

two-year nursing program. The Nursing Pathways Program includes three distinct entries to earning a two-year associate degree: Mid-year ADN program; Paramedic to Registered Nurse Fast Track

Program; and Licensed Practical Nurse to Registered Nurse Fast Track Program.

Category: B2

**Gender:** Both Males and Females

**Department:** 21926 (Human Resources Workforce Development)

**Department Contact:** Debby Roquet (388-3376) **Community Need:** Unemployment/Jobs/Poverty

**Objective:** To increase the number of licensed RNs.

 Persons:
 117

 Expenses:
 434,923

 Revenues:
 296,407

 Benefit:
 138,516

West Virginia State Trauma Audit Review (WV STAR)

Description: Annual gathering of trauma professionals from the state's Trauma Centers to conduct peer review

discussion of trauma cases from the previous year at each facility.

Category: B2

Gender: Both Males and Females
Department: 41232 (Trauma Services)
Department Contact: Kim Morgan (388-7809)

**Objective:** Peer review discussions to educate trauma providers and better prepare them for cases that may come

through their trauma center.

 Persons:
 80

 Expenses:
 480

 Revenues:
 0

 Benefit:
 480

WV State Trauma Symposium

**Description:** Conference is designed for trauma surgeons, general surgeons, emergency room physicians, nurses,

mid-level providers and pre-hospital health care, coding specialists and health information

professionals. The conference is a collaborative effort between experts in various trauma disciplines from around West Virginia. An eight hour trauma nursing workshop was held on the opening day of the conference featuring topics on surgical trauma, pediatric trauma and complications. The speakers will present progressive and challenging issues in the field of trauma care. A poster session will also be held highlighting trauma research throughout the state.

Category: B2

Gender: Both Males and Females
Department: 41232 (Trauma Services)
Department Contact: Kim Morgan (8-7809)

Objective: Facilitate the event and ensure the conference runs smoothly. CAMC provided personnel for

registration and support at the event.

 Persons:
 127

 Expenses:
 960

 Revenues:
 0

 Benefit:
 960

Expenses Offsets Benefit Persons
\*\*\* Nurses/Nursing Students (B2) 2,539,085 296,407 2,242,678 439

Other Health Professional Education (B3)

#### **CAMC Allied Health Professional Education**

Description: CAMC provides a clinical setting and staff instruction/supervision for students enrolled in local

allied health professional education programs. CAMC provides the clinical setting and supervision to students for Imaging, Nuclear Medicine, Respiratory Therapy, Physical Therapy and other allied health professionals enrolled in educational programs for which we have an educational affiliation

agreement.

Category: B3

**Gender:** Both Males and Females **Department:** 46872 (Planning)

**Department Contact:** David Jarrett (388-7854)

**Objective:** To provide a clinical setting for student learning.

 Persons:
 412

 Expenses:
 501,241

 Revenues:
 0

 Benefit:
 501,241

**Medical Explorers** 

**Description:** A program designed to introduce youth in Kanawha and Putnam counties who are 14 years of age

and have completed the 8th grade or are ages 15 to 20 and have designated health care as their health

cluster to the health care environment.

Category: B3

Gender: Both Males and Females

**Department:** 21926 (Human Resources Workforce Dev)

**Department Contact:** Debby Roquet (388-3376) **Community Need:** Unemployment/Jobs/Poverty

Objective: Increase health career awareness by educating middle and high school students about health

professions and careers.

 Persons:
 60

 Expenses:
 2,628

 Revenues:
 0

 Benefit:
 2,628

# Permissive Hypotension in Trauma

**Description:** Community trauma outreach to area EMS personnel on the benefits of permissive hypotension

resuscitation in trauma patients. The goal blood pressure for these patients is a mean arterial pressure of 40-50mmHg or a systolic blood pressure less than or equal to 80. The key is to avoid

normalizing blood pressure in a context where blood loss may be enhanced.

Category: B3

Gender: Both Males and Females Department: 41232 (Trauma Services) **Department Contact:** Kim Morgan (388-7809)

> **Objective:** Better survival outcomes for trauma patients.

Persons: Expenses: 125 Revenues: 0 Benefit: 125

#### **Physician Assistant Student Rotations**

**Description:** The hospitalist program had 10 physician assistant students from Mountain State University and

Alderson Broaddus during a six week rotation in the hospital. CAMC's hospitalists spent 25% of the

students' six-week rotation directly instructing/interacting with the students.

Category:

Gender: Both Males and Females Department: 42005 (Hospitalist Program) **Department Contact:** Diane Bossie (388-5848)

> Persons: Expenses: 16,000 Revenues: 0 **Benefit:** 16,000

#### **Rural Trauma Team Development Course**

The course is designed by the American College of Surgeons Committee on Trauma to help rural **Description:** 

> hospitals with the development of their trauma teams. CAMC is the tertiary hub hospital for central and southern West Virginia and operates the only level 1 Trauma Center in the region. The program

standardizes care of trauma patients in the rural setting to improve outcomes.

Category:

Gender: Both Males and Females Department: 41232 (Trauma Services) **Department Contact:** Kim Morgan (388-7809)

> **Objective:** The purpose of the course is to increase efficiency of resource utilization and improve the level of

care provided to the patient. We want to educate the audience regarding the state's regional and local trauma system. The course outlines the components of the various stages of trauma assessment. It outlines the components of the primary survey, decision to transfer, secondary survey, and

demonstrates the concepts of the primary survey.

**Persons:** 15 **Expenses:** 314 Revenues: 0 Benefit: 314

**Expenses Offsets Benefit Persons** 520,308 520,308 0 517

\*\*\* Other Health Professional Education (B3)

# Scholarships/Funding for Professional Education (B4)

#### **University of Charleston Health Program Support**

**Description:** Financial support for faculty for the nursing and pharmacy programs at the University of Charleston.

Category: B4

**Gender:** Both Males and Females

**Department:** 21926 (Human Resources Workforce Dev)

**Department Contact:** Debby Roquet (388-3376)

Objective: To maintain an adequate number of health professionals in the community to fill existing and future

health care profession needs.

 Persons:
 Unknown

 Expenses:
 285,000

 Revenues:
 0

 Benefit:
 285,000

	<b>Expenses</b>	Offsets	Benefit	Persons
*** Scholarships/Funding for Prof Ed (B4)	285,000	0	285,000	0

# \*\*\*\* Health Professions Education 41,445,607 6,872,386 34,573,221 2,370

Financial and In-Kind Contributions (E) Cash Donations (E1)

Civic Affairs Council

**Description:** The Civic Affairs Council is comprised of employees who review the applications for charitable

donations and make awards based on specific community benefit criteria. Funding provided to area high schools for Project Graduation, March of Dimes, Daymark, Inc., Salvation Army, WV Health

Right, American Lung Association, Girl Scouts, Boy Scouts, REA of Hope, Alzheimer's

Association, Children's Therapy Clinic, Charleston Daily Mail's Neediest Cases, Union Mission, The Gabriel Project of WV, National Muscular Dystrophy Association, Ronald McDonald House, YMCA of Kanawha Valley, American Cancer Society, Childlaw Services, Inc., Prestera Foundation,

Habitat for Humanity, Highland Hospital, Heart and Hand, and Secret Santa.

Category: El

Gender: Both Males and Females
Department: 10000 (Civic Affairs)
Department Contact: Tom Kuhn (8-7386)

Community Need: Unemployment/Jobs/Poverty

**Objective:** Provide financial support to programs and services in our service area to support health, educational,

social services, civic and economic development requests.

Persons: Unknown Expenses: 33,310 Revenues: 0 Benefit: 33,310

Expenses Offsets Benefit Persons \*\*\*Cash Donations (E1) 33,310 0 33,310 0

In-Kind Donations (E3)

#### **Community Board Participation by CAMC Personnel**

Descriptions

David L. Ramsey, President and CEO: HealthNet Aeromedical Board of Directors, WV Hospital Association, VHA Central Atlantic Board of Directors, University of Charleston Board of Directors and Vitality Committee, Clay Center for the Arts & Sciences – WV Advisory Board, WV Chamber of Commerce Board of Directors, WV School of Osteopathic Medicine, Health Insight Board, CAMC Housing Corporation Board, CAMC Foundation Board.

Glenn Crotty, Jr. M.D., COO: Board member for the Partnership for Excellence (Ohio, Indiana and West Virginia state Baldrige program, Baldrige National Quality Award Examiner, Regional Board of the American Red Cross, Physician Volunteer for WV Health Right, Charleston Area Alliance, and University of Charleston Graduate School of Business Advisory Board.

Dianna Branham, Nurse Manager: University of Charleston Advisory Board for the BSN Program and Kanawha Valley Community and Tech Center RN Advisory Board.

Mary Emmett, Corporate Director, CHERI: Grants Review Committee of the Health Services and Resources Administration for Community Grants and Innovation in Community Health.

Brenda Grant, Chief Strategy Officer: Vice-Chair United Way Board, United Way Executive Committee, Community Services Committee and Governance Committee; Kanawha Coalition for Community Health Improvement Steering Committee, The Partnership for Excellence Examiner Training, and Greater Kanawha Valley Foundation Value Chain Committee and National Quality Forum's Population Health Field Test Group.

Sharon Hall, President, CAMC Health Education and Research Institute: Boards of the WV School of Osteopathic Medicine, OPTI Strategic Planning Committee and Executive Committee, WV University School of Medicine Visiting Committee, WV Telehealth Alliance Board of Directors, United Way, WVU Physicians of Charleston Board, WVU Dean Search Committee, AAMC Group of Resident Affairs Leadership Task Force, ACGME Focus Group, ASHP Commission on Credentialing, Higher Education Policy Commission, and Greater Kanawha Valley Foundation.

Jerry Handley, Media Production Specialist: WV Broadcasting Hall of Fame Program Committee. Ed Haver, Director, Cardiac Rehab/Ornish Program: Chairperson for the State AACVPR MAC J11 Reimbursement Committee, AACVPR Program Certification Reviewer, and as a WVACVPR reimbursement contact person.

Beverly Kitchen, RN, Regional Care Coordinator Right From the Start: March of Dimes boards and committees and Chair of the March of Dimes Program Services, Upper Kanawha Valley Starting Points, Newborn Hearing Screening Advisory Board, and Perinatal Partnership Maternal Drug Committee.

Tuanya Layton, Imaging Quality Manager: West Virginia Association of Nuclear Medicine Technology Board, Bridge Valley Community and Technical College Nuclear Medicine Technology Advisory Committee, Chair of the WV State Medical Imaging Board of Examiners, Appalachian Association of Nuclear Medicine Technologist Executive Board.

Kim Lowe, Pharm.D., BCNP: West Virginia Association of Nuclear Medicine Technology Board and the Bridge Valley Community and Technical College Nuclear Medicine Technology Advisory Committee.

Tracy Matthews, Coordinator: President of the West Virginia Board of Respiratory Care.

Chuck Menders, Director Respiratory Care: West Virginia Asthma Coalition, WV Society for Respiratory Care as a State Delegate.

Kathy Newsome, Imaging Manager: West Virginia Association of Nuclear Medicine Technology Board, Bridge Valley Community and Technical College Nuclear Medicine Technology Advisory Committee.

Barbara McKee, Nursing Education Specialist: WV/AHA Emergency Cardiac Care Committee and the WV Nurses Association Education Council and the Code Blue Committee.

Ronald Moore, Chief Nursing Officer participated as a team leader on the Future of Nursing WV Committee of the West Virginia Hospital Association.

Becky Oakley, Nurse Manager: Metro 911 board of Directors, West Virginia Office of EMS Technical Services Network Board of Directors, EMSOR (EMS Office of the Region Board of Directors), West Virginia OEMS Medical Command Committee and the HealthNet Aeromedical Services Communication Leadership Team.

Len Picha, Respiratory Therapist: West Virginia Asthma Coalition.

Dawn Schoolcraft, Associate Administrator, Women and Children's Hospital: board of Ronald McDonald House.

Bev Thornton, Education Division Director: Multidisciplinary Patient Education Council, Diabetes Education Program Advisory Board and Healthiest Planning Committee.

Andrew Weber, Vice-President/Administrator, Women and Children's Hospital: Vice-President of Kids Count Board and Fund for the Arts board member.

Robert Whitler, Vice President, Government and Community Affairs: Board for WV Health Right, WomenCare, Center for Rural Health Development, WV Board of Osteopathic Medicine, West Virginia Rural Health Association and Logan Healthcare Foundation.

Mike Williams, Vice-President/Administrator, General Hospital: Secretary of the State Trauma Advisory Committee and the East End Association.

Ken Wilson, Maintenance Director: Monthly meetings to review issues pertaining to client rights, grievances to persons under the care of Prestera and ResCare in group homes or other settings.

Brad Young, Technology Assessment Officer: West Virginia Chapter of the Health Information and Management Systems Society, WV Health Information Network – Medical Exchange Committee.

Category: E3

Gender: Both Males and Females
Department: 21900 (CAMC Administration)
Department Contact: David Ramsey (388-7627)

**Objective:** To share CAMC's leadership, knowledge and experience in the fields of healthcare,

management, and education with community boards and associations to enhance the community.

**Expenses:** 202,439 **Revenues:** 0 **Benefit:** 202,439

# Ronald McDonald House Housekeeping Support

**Description:** Donated housekeeping services to Ronald McDonald House.

Category: E3

Gender: Both Males and Females
Department: 41804 (Housekeeping)
Department Contact: Joe Tucker (388-6241)
Community Need: Unemployment/Jobs/Poverty

Persons: Unknown Expenses: 9,137 Revenues: 0 Benefit: 9,137

***In-Kind Donations (E3)	<b>Expenses 211,576</b>	Offsets 0	Benefit <b>211,576</b>	Persons 0
**** Financial and In-Kind Con	tributions 244,886	0	244,886	0

Community Building Activities (F) Economic Development (F2)

#### Local Wealth Creation - Farm to Hospital

Description: Value - Chain food system incorporating local growers to replace imports from the outside economy

with herbs and vegetables that can be grown locally for the same or lower cost with the same or

higher quality.

Category: F2

Gender: Both Males and Females

**Department Contact:** Brenda Grant, Mike Marinaro, Steve Perry (388-7885)

Community Need: Obesity/Overweight/Poor Eating Habits

Objective: To decrease sodium and fat in foods prepared in CAMC hospitals through the use of fresh herbs and

vegetables. To open new avenues for existing and new growers with a guaranteed market for their

produce.

Partners: Greater Kanawha Valley Foundation

 Persons:
 Unknown

 Expenses:
 5,870

 Revenues:
 0

 Benefit:
 5,870

	<b>Expenses</b>	<b>Offsets</b>	Benefit	Persons
***Economic Development (F2)	5,870	0	5,870	0

# Community Support (F3)

**Community Ebola Disaster Preparation** 

**Description:** Worked with local health care providers, local community leaders, the Kanawha Charleston Health

Department, West Virginia Department of Health and Human Resources, CDC and APIC to prevent

and/or be prepared to respond to a natural disaster involving the Ebola Virus.

Category: F3

**Gender:** Both Males and Females

**Department:** 46874 (Safety)

**Department Contact:** Lillian Morris (388-8208)

Objective: Assist in the development of a community and statewide plan to cope with an outbreak of a deadly

pathogen such as Ebola.

Partners: Health care providers, County and State Health Department, the CDC, APIC, and other state and

federal agencies.

Persons: Unknown Expenses: 25,550 Revenues: 0 Benefit: 25,550

**Partners In Health Network** 

**Description:** The network serves to improve the delivery of health care in the region by providing a network

administrative center, physician liaison, patient surveys, outreach activities, networking,

credentialing, purchasing program, critical access hospital support, educational activities, workshops,

and presentations designed for small rural hospitals and health clinics in the region.

Category: F3

Gender: Both Males and Females
Department: 46876 (Partners In Health)
Department Contact: Tom Kuhn (388-7386)

**Objective:** Assist small rural hospitals and health clinics to remain viable.

Persons: Unknown Expenses: 101,482 Revenues: 0 Benefit: 101,482

	<b>Expenses</b>	<b>Offsets</b>	Benefit	Persons
***Community Support (F3)	127,032	0	127,032	0

# Environmental Improvements (F4)

**United Way Day of Caring** 

**Description:** CAMC employees volunteered to participate in the United Way's Day of Caring and this year our

staff members were assigned to work at a local after school program for disadvantaged youth. The activity rooms, kitchen, storage areas and bathrooms were given thorough cleaning. Staff also had

time to participate in some activities with the children.

Category: F4

Gender: Both Males and Females

**Department:** 46872 (Planning) **Department Contact:** Liz Tate (388-7619)

Community Need: Unemployment/Jobs/Poverty

Persons: 25 Expenses: 5,760 Revenues: 0 Benefit: 5,760





	<b>Expenses</b>	<b>Offsets</b>	Benefit	Persons
***Environmental Improvements (F4)	5,760	0	5,760	25

# Other – Health Fair (F9)

#### Healthfest

Health Fair for the community offering over 25 screenings and health information to the public as

well as free athletic physicals for area youth.

Category:

Gender: Both Males and Females 21942 (Marketing) **Department:** 

**Department Contact:** Elizabeth Pellegrin (388-5757) Community Need: Lack of Physical Activity

**Objective:** To serve the Kanawha Valley with free screenings to improve health, enhance preventive care and

provide educational materials.

**Persons:** 1,600 **Expenses:** 111,413 Revenues: 29,514 **Benefit:** 81,899

# **Teddy Bear Fair**

**Description:** Children's Health Fair.

Category: F9

Gender: Both Males and Females Department: 43120 (Pediatrics) **Department Contact:** Susan Russell (388-2885)

Community Need: Lack of Physical Activity

**Objective:** Allow children to visit the hospital in a non-threatening way, complete with playing with medical

equipment and trying on surgical masks. They receive tours of the hospital, play games, receive car

seat education, and health education materials.

**Persons:** 750 Expenses: 18,464 **Revenues:** 13.342 Benefit: 5.122



*** Other – Health Fair (F9)	<b>Expenses 129,877</b>	<b>Offsets 42,856</b>	<b>Benefit 87,021</b>	Persons 2,350	
****Community Building Activiti	les 268,539	42,856	225,683	2,375	

Community Benefit Operations (G) Dedicated Staff (G1)

**Community Benefit Operations** 

**Description:** Planning Department staff dedicated to Community Benefit Reporting.

Category: G1

Gender: Both Males and Females
Department: 46872 (Planning)
Department Contact: David Jarrett (388-7854)

Objective: To compile and report the organization's community benefit by surveying the individual

departments, administrators, and other staff at our three hospitals.

Persons: Unknown Expenses: 18,800 Revenues: 0 Benefit: 18,800

#### Kanawha Coalition for Community Health Improvement

**Description:** A community partnership of volunteers from all the local hospitals, Kanawha-Charleston Health

Department, United Way, Kanawha County Schools, Wellness Council of WV, and local businesses with a mission to identify and evaluate health risks and coordinate resources to measurably improve the health of the people of Kanawha County. CAMC provides salary support for Executive Director

of the Kanawha Coalition for Community Health Improvement.

Category: G1

Gender: Both Males and Females
Department: 46832 (Community Health)
Department Contact: Brenda Grant (388-7885)

Objective: Conduct a community needs assessment every three years and mobilize community groups to

address the community's top three priorities.

Persons: Unknown Expenses: 82,104 Revenues: 0 Benefit: 82,104

\*\*\* Dedicated Staff (G1) 100,904 0 100,904 0

\*\*\*\*Community Benefit Operations Expenses Offsets Benefit Persons

46,598,804 7,218,224 39,380,580 44,919

# **Community Benefit Program Grand Totals:**

 Number of Programs:
 73

 Persons:
 44,919

 Expenses:
 46,598,804

 Offsets:
 7,218,224

 Benefit:
 \$39,380,580





