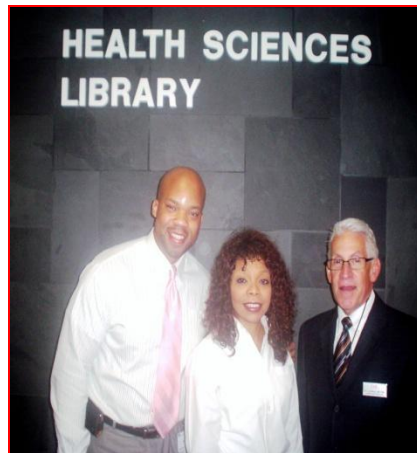
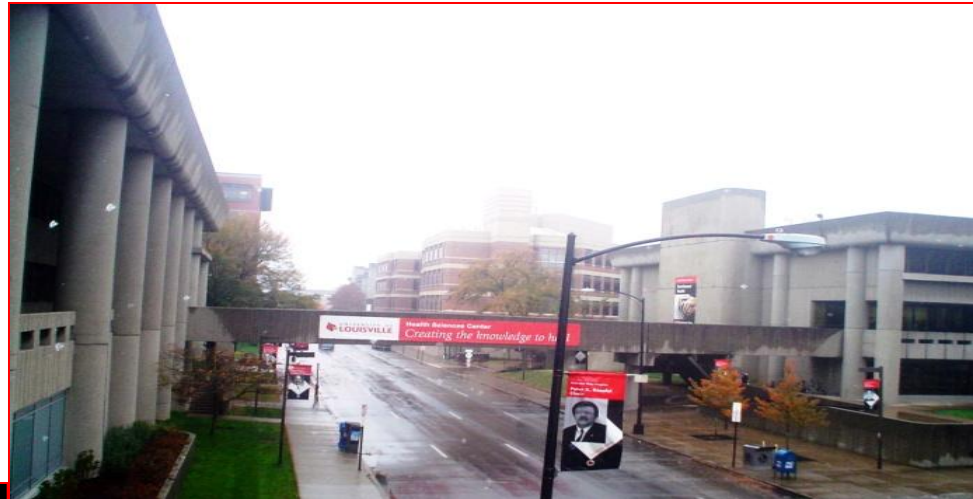


# UNIVERSITY OF LOUISVILLE AREA HEALTH EDUCATION CENTERS ANNUAL REPORT 2011-2012



**Connecting Students to Careers  
Professionals to Communities  
And Communities to Better Health**



K  
Y  
  
A  
H  
E  
C

The University of Louisville AHEC Central Program Office works with four regional centers in western Kentucky to provide a comprehensive Health Career Pipeline that provides valuable educational programs and training opportunities for K-16, Medical, Dental and Allied Health students as well as preceptors that are gratis faculty. The AHEC pipeline continuum is possible due to collaboration with community based partners throughout the state.

We work with our community based partners and higher education institutions to address disparities in health and health care and provide a framework to focus on the goals of Healthy People 2020 and Healthy Kentuckians 2020. Through interdisciplinary initiatives we attract and encourage health profession students to live and work throughout the Commonwealth of Kentucky, thus strengthening Kentucky's safety net.

Our partners include public and private schools, community-based programs, public health departments, foundations, federal, state, regional and local organizations. Together we provide enrichment programs for K-16, rotation sites for medical, dental and Allied Health students and continuing education programs for health professionals. This outreach is done in medically underserved areas throughout Kentucky.



V. Faye Jones, MD, PH.D.  
Associate Dean and  
Kentucky AHEC  
Program Director

# K Y A H E C

## VISION

Our vision is to be a premier academic and community-based collaborative educational program to improve the health of Kentuckians.

## MISSION

The mission of the Kentucky AHEC program is to promote healthy communities through innovative partnerships. This is accomplished by providing:

- Educational support services to health professionals students and health care providers;
- Community health education;
- Programs that encourage health professions as a career choice.



# KEY A H E C

## VALUES

We believe:

- In serving a diverse, multi-cultural community using respect, creativity and inclusiveness.
- In cultivating community partnerships that are sustainable and responsive to community people.
- That accountability, integrity, flexibility, and humor are essential components of our organization.



# K Y A H E C

**KY AHEC provides opportunities for Health Careers Promotion & Preparation.** We aspire to increase representation of pre-professional individuals from URMD (underrepresented, rural, minority and disadvantaged) backgrounds into healthcare careers, including public health, with a focus on primary care to deliver high-quality health care services to rural and underserved populations.

**KY AHEC provides Community-based Student Education.** Our aim is to increase health professionals' access to training resources and opportunities through field placement in underserved areas to prepare individuals to provide quality healthcare services to underserved areas and health disparity populations.

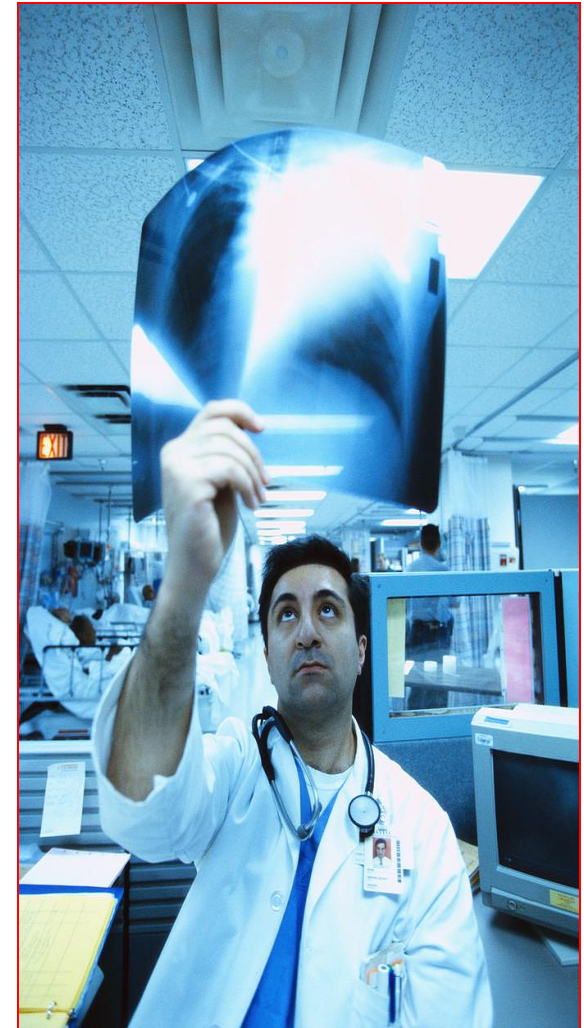


K  
Y

A  
H  
E  
C

**KY AHEC provides Professional Education and Support.** The KY AHEC Program is instrumental in providing health professionals access to training resources and inter-professional training to support practices, reduce professional isolation, disseminate best practices that assist in strengthening the quality of health care for medically underserved communities and populations.

**KY AHEC Continuously Improves and Evaluates Outcomes of the programs we offer.** KY AHEC commits to continuously improve the delivery of high-quality evidence based programs across the state through outcomes measurement and evaluation strategies in collaboration with partnering stakeholders and disseminate best practices and lessons learned.



## Purchase AHEC: Connecting students to careers, professionals to communities and communities to better health

K  
Y  
  
A  
H  
E  
C



- **Connecting Students to Careers:** 2,669 middle and high schools students have received hands-on-health careers programming in schools. These programs provide students with activities that show what a particular health care professional does in their job as well as how they need to academically prepare, years of schooling and salaries. Programming also includes job shadowing, health career fairs and week long summer camps.

- **Professionals to Communities:** Placement of 126 health profession students from University of Louisville, University of Kentucky, University of Pikeville-KY College of Osteopathic Medicine and the Sullivan University School of Pharmacy. These students spent 518 weeks in physician offices, hospitals and clinics in the counties of Ballard, Calloway, Carlisle, Crittenden, Graves, Fulton, Livingston, Marshall, McCracken, and Trigg.

# K Y A H E C

## Purchase AHEC: Connecting students to careers, professionals to communities and communities to better health



- **Communities to Better Health: Seal West Kentucky**, is a school based dental sealant program for 2<sup>nd</sup> and 7<sup>th</sup> graders. In FY 11-12: 1,679 students received 5,188 sealants. **CARDIAC** (Coronary Artery Risk Detection in All Children) project for 4<sup>th</sup> graders to increase awareness of cardiovascular risk factors in youth which includes being overweight, having high cholesterol or diabetes and being physically unhealthy. In FY 11-12: 23 schools participated and 702 students received glucose, cholesterol, BMI and fitness testing.
- **Letters from HOME** is an outreach program to medical students and residents from the 13 most western counties of KY. The program goal is to keep students connected to their home area and to keep them abreast of current and future physician openings with area hospitals in hopes that some of these students will decide to return to the area to practice medicine. The Two ways this is happening is through Newsletters and “Night Out” dinners sponsored by local hospitals.



# SOUTH CENTRAL AHEC

## Partnerships –the Key to Successful Programs

K  
Y  
  
A  
H  
E  
C

- **Child Passenger Safety (CPA) Technician** training is a 30 hour curriculum from the National Highway Traffic Safety Administration (NHTSA) to train health professions students and community leaders to teach caregivers how to travel safely with everyone in the vehicle properly restrained. AHEC partners for this program include Kosair's Child Advocacy Center, the Barren River Safe Kids Coalition, KY State Police and the KY Transportation Cabinet Department of Highways District 3.

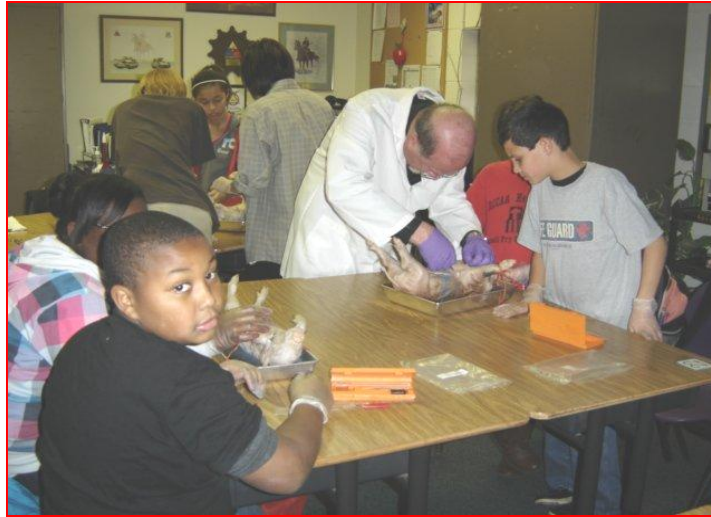


- **Progressive AG Safety Day** provides education to 4<sup>th</sup> grade students on 10 safety issues for those who live in rural KY. AHEC partners for this program include the KY Partnership for Farm Family Health and Safety, Inc., Warren County Public Schools, and the Family Resource Center staff.

# SOUTH CENTRAL AHEC

## Partnerships –the Key to Successful Programs

K  
Y  
  
A  
H  
E  
C



### SMARTS Scholars Program

• **Science and Math Academy for Rural Teachers and Students (SMARTS)** provides resources for middle school teachers to implement a special curriculum focusing on science, math, and the connection to health careers. AHEC partners for this program includes middle schools, teachers, and Family Resource Center staff.

• **Bridging the Gap Medical Interpreter Training** program is a 40 hour curriculum to teach people how to properly provide medical interpretation. The South Central AHEC is one of only two entities in Kentucky licensed to provide this training. AHEC partners for this program include the Cross Cultural Health Care Program in Seattle, Washington and local health care facilities.

## WEST AHEC

K  
Y  
  
A  
H  
E  
C



CSI  
Workshop

West AHEC, in partnership with the Hopkins County Health Department, Hopkins County 4H, the Webster County Family Resource/Youth Service Centers (FRYSC), the Green River Outreach FRYSC, hosted an Outbreak Camp. This week long middle school math and science enrichment program provides activities that connect students to future health careers. Program instructors include middle school and/or high school math or science teachers who prepare hands-on activities geared toward the camp's theme. Each day includes a presentation from an area professional who explains their education/career pathway, their typical day and provides information the participants will use to solve their camp's case, and the program concludes with a question & answer session.

## WEST AHEC

K  
Y  
  
A  
H  
E  
C



### Health Career Adventure Program

During the 2011 Outbreak Camp, students participated in activities related to public health careers while learning how to investigate an outbreak. Participants also heard presentations by an epidemiologist, public health nurse, environmentalist, and a public health communication specialist. The week concluded with the students working a mock outbreak entitled Outbreak: Lakeside Health Crisis. Previous math and science camps have focused on crime scene investigation (CSI) themes or forensic science careers. Campers participated in hands-on math and science activities related to crime scene analysis, evidence collection/analysis, and interviewing. Guest Speakers included presentations from the Hopkins County Commonwealth Attorney, the Medical Examiner, Webster County District Judge, Fire Investigation Unit, local police officers, and a criminalist from the Kentucky State Police Post 2. Students participating in these camps have solved mock cases including a dog kidnapping, school cafeteria vandalism, and the case of the car that swam.

## NORTHWEST AHEC



K  
Y  
  
A  
H  
E  
C

• **The GRACE Project** is a Train-the-Trainer model for faith communities to become well informed lay health workers for their congregations and communities. The GRACE Project is a coalition of churches, healthcare practitioners, health profession students, and agencies/organizations that are linked by similar interest to address existing health disparities among marginalized populations in Jefferson County.

• **Veterans Behavioral/Mental Health for Veterans/Service Members & Families Project** is an effort to educate civilian healthcare providers on issues effecting veterans returning from Iraq and Afghanistan. The Continuing Education Programs includes military culture, a “Boots On The Ground” perspective, identifying symptoms of Post-Traumatic Stress Disorder (PTSD), Traumatic Brain Injury (TBI), and resources for veterans and their families. The goal of this nationwide AHEC initiative is to reach 10,000 healthcare providers by September 2013.

## NORTHWEST AHEC

• **Smile KY** is an ongoing community collaborative training and education initiative to improve oral health among elementary age youth. Volunteers are trained annually to educate youth on good oral hygiene with a strong emphasis on disease prevention and daily care. In addition, students receive oral screenings and hundreds are treated at the University of Louisville School of Dentistry. Among it's many partners are the University of Louisville School of Dentistry, Louisville Water Company, public schools, local practitioners, and other key agencies and organizations.



• **The Health Careers Adventure Program (HCAP)** offers health careers education throughout the year targeting elementary to college age youth. HealthWise is a 4-week structured summer math and science enrichment component of HCAP designed specifically for underrepresented minority, rural and/or other economically challenged middle and high school age students who are interested in pursuing a career in a health profession. Numerous volunteers, healthcare facilities and health organizations are essential to offer quality activities that support and sustain student interest in health professions.

K  
Y

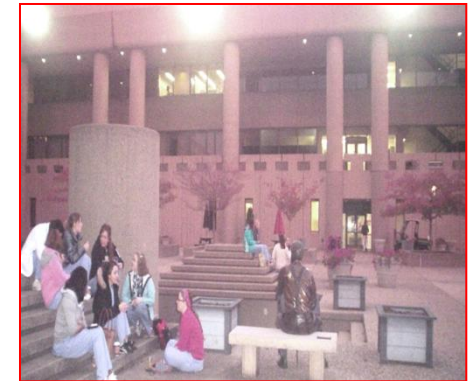
A  
H  
E  
C

# UofL 7<sup>th</sup> Annual Cultural Competency Symposium 9/27/12

## AGENDA

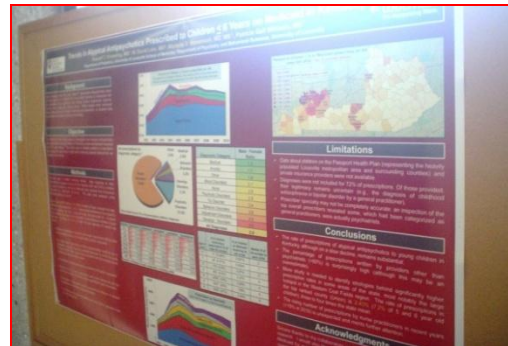
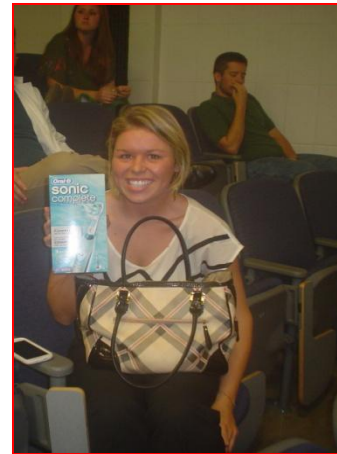
K  
Y  
  
A  
H  
E  
C

- Spirituality in an African American Baptist Church
- Substance Abuse in Health-Care
- Japanese Acupuncture in Western Society
- Mennonite Culture and Health-Care Provisions
- Working Effectively with LGBT Patients
- Aspects of Practical Differences between Islamic and  
Western Medicine
- Applying Military Cultural Competency to the Care of  
Veterans/Service Members
- Child Discipline & Maltreatment: How Do We Define  
Abuse & Neglect in a Multi-cultural Society?
- Students & Their View-Points on Culture



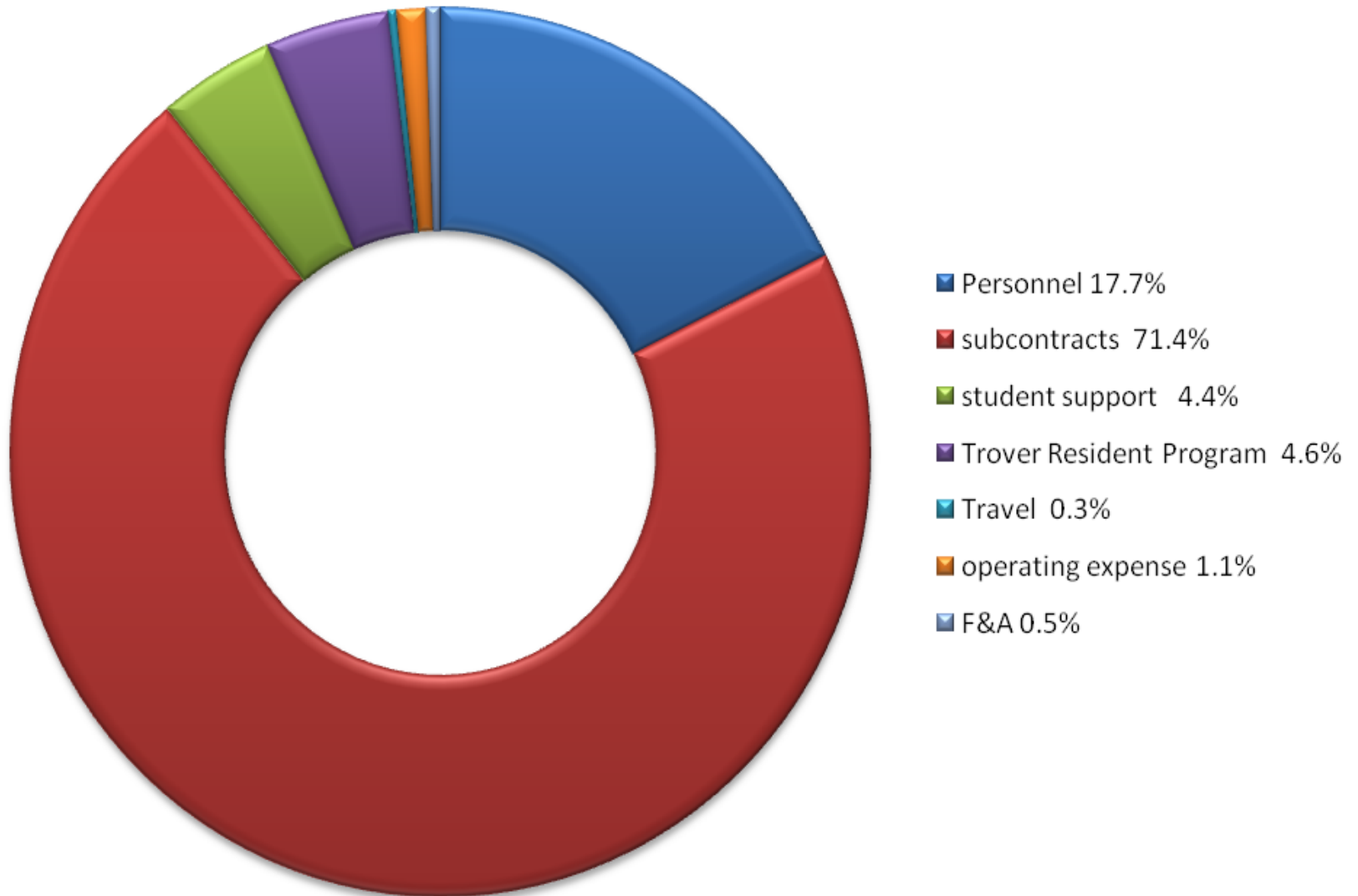
# Cultural Competency Symposium: Increasing Cultural Competency in Our Changing World

K  
Y  
  
A  
H  
E  
C

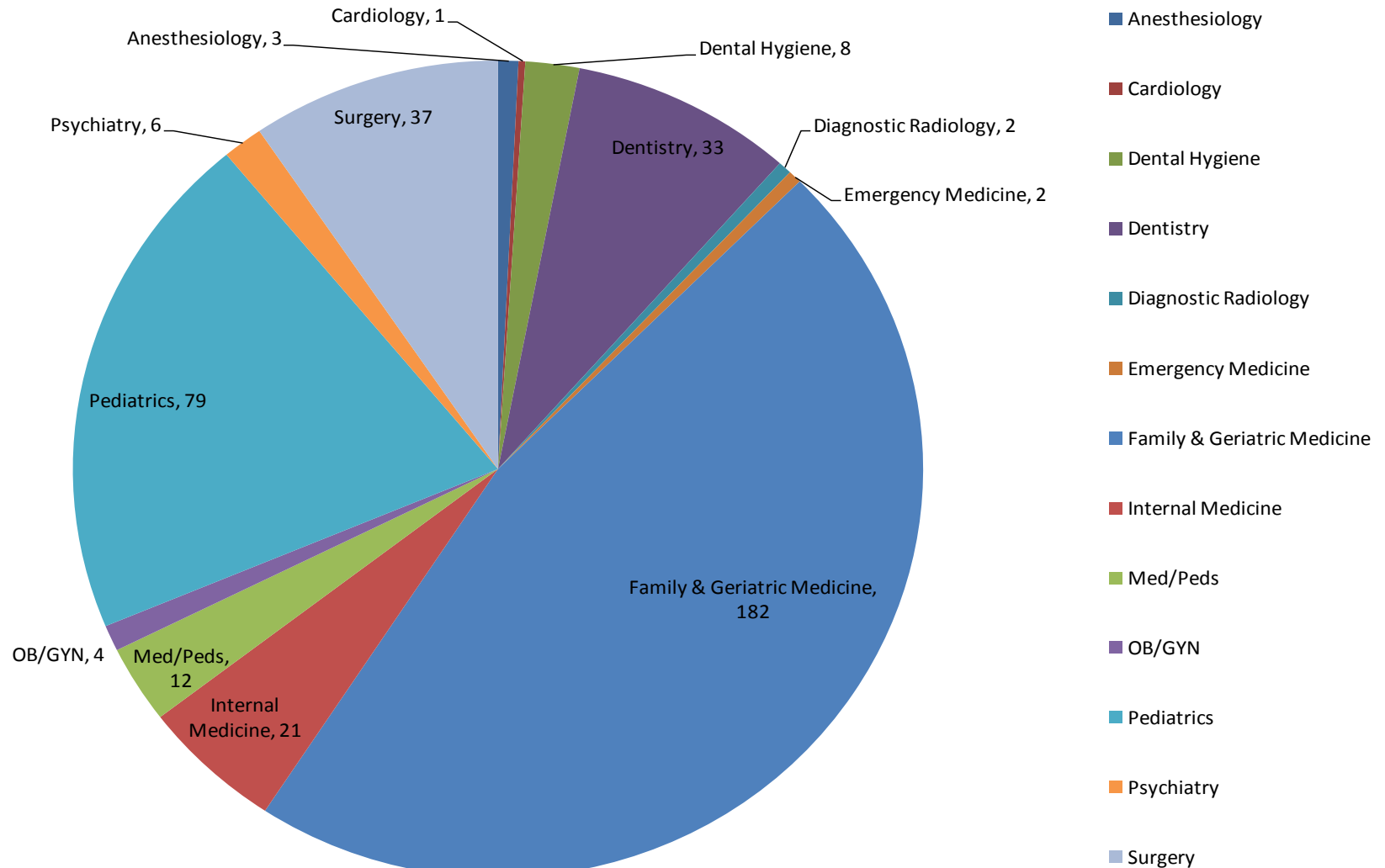




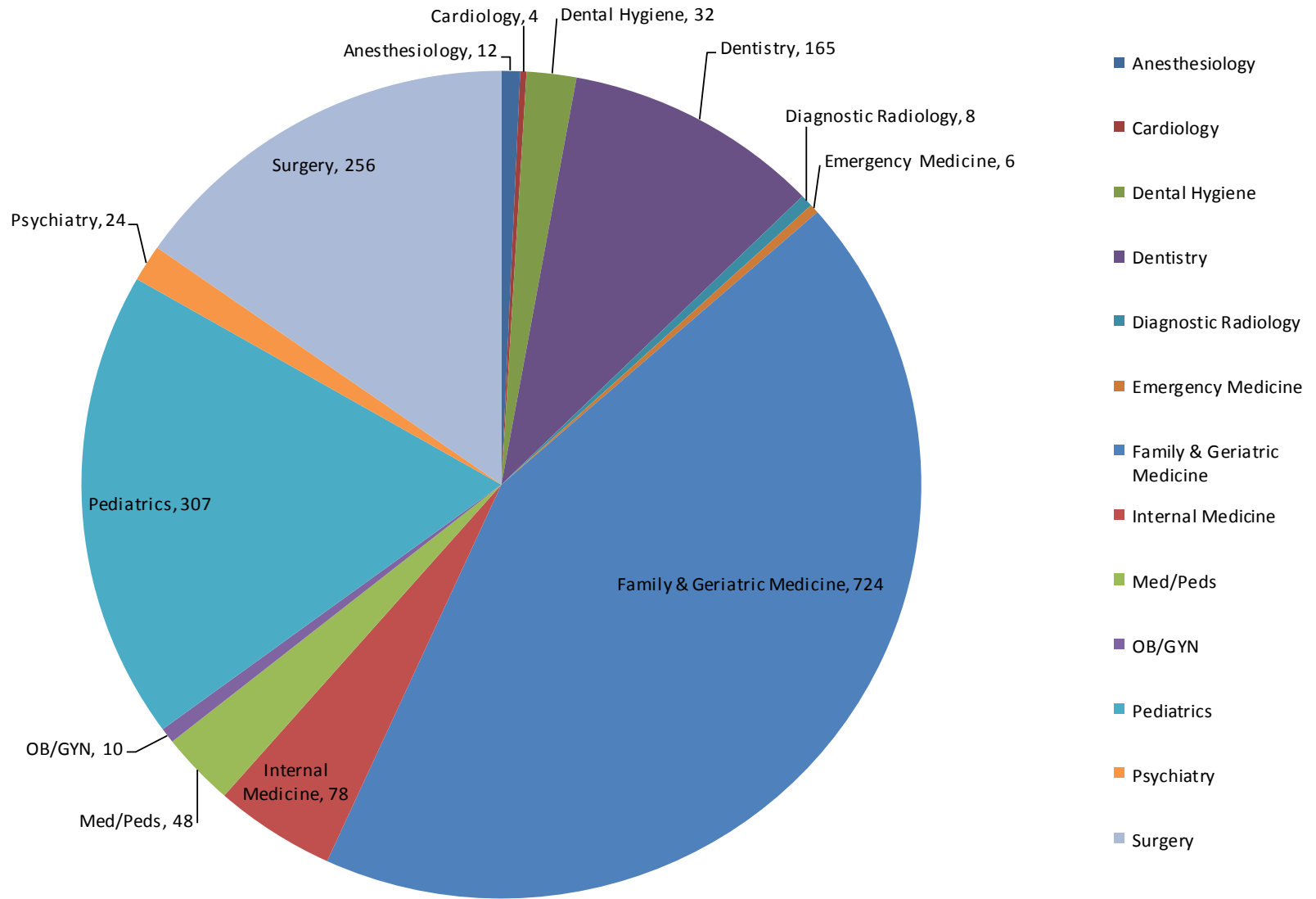
## Uof L AHEC Expenditure FY11-12



## UofL Medical and Dental Students 2011-2012 AHEC Rotations by Department

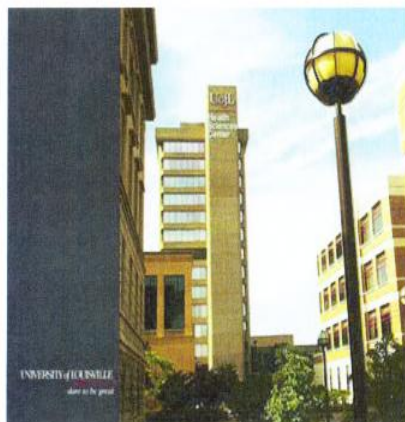


# UofL Medical and Dental Students 2011-2012 Total AHEC Rotation Weeks



K  
Y  
  
A  
H  
E  
C

# KY AHEC



Connecting Students to Careers,  
Professionals to Communities,  
and Communities to Better Health



UNIVERSITY OF  
**LOUISVILLE**  
It's Happening Here.

2011-2012

**AHEC'S DONATED ECONOMIC VALUE FROM  
COMMUNITY BASED FACULTY = \$3,477,848.09\***

Each U of L gratis faculty member contributes approximately **13.2** hours per week with **37** different medical disciplines represented. They served **879 Health Profession Students** at the **U of L AHECs** for a combined total of **3,595** weeks of instruction.

\*Statistics based on Rate Per Hour times Total Community Based Faculty Hours

UofL AHEC students spent a total of **\$112,175.27** for Food, Housing and Travel in the communities that they served.

These AHEC Centers are under the UofL Central Program Office:

**NORTHWEST AHEC—BRENDA FITZPATRICK**  
**PURCHASE AHEC—LORETTA MALDANER**  
**SOUTH CENTRAL AHEC—LUCY JUETT**  
**WEST AHEC—MARTHA PLEASANT**

K  
Y

A  
H  
E  
C

UNIVERSITY OF LOUISVILLE  
 KY AHEC CENTRAL PROGRAM OFFICE  
 Office of Minority and Rural Affairs  
 School of Medicine  
 Room 231 Instructional Building B  
 500 South Preston  
 Louisville, KY 40202  
 (502) 852-2759  
 www.louisville.edu/medschool/AHEC



**FY 2011-12**  
 Donated Economic Value of Community Based Faculty  
 From UofL AHEC Centers

DISCIPLINIES	STUDENTS	ROTATION WEEKS	*COMMUNITY BASED FACULTY HOURS PER WEEK	TOTAL COMMUNITY BASED FACUTLY HOURS	AVERAGE RATE PER HOUR	TOTAL VALUE
Medicine	394	1660	13.2	21,912	\$100.00**	\$2,191,200.00
Dentistry	36	153	13.2	2,020	\$106.51***	\$215,107.60
Dental Hygiene	31	44	13.2	581	\$28.81***	\$16,732.85
Pharmacy	86	430	13.2	5,676	\$55.94***	\$317,515.44
Physican Assistant	47	211	13.2	2,785	\$48.49***	\$135,054.35
Physical Therapy	26	178	13.2	2,350	\$106.25***	\$249,645.00
Dietician	14	129	13.2	1,703	\$16.48***	\$28,062.14
Communication Disorder	2	18	13.2	238	\$29.58***	\$7,028.21
Nursing	161	339	13.2	4,475	\$30.10***	\$134,691.48
Nurse Practioner	26	111	13.2	1,465	\$38.96***	\$57,084.19
Other Allied Health	56	322	13.2	4,250	\$29.58***	\$125,726.83
<b>Total:</b>	<b>879</b>	<b>3595</b>		<b>47,454</b>		<b>\$3,477,848.09</b>

\*Community Based Faculty Hours Per Week equals 1/3 of their time teaching students on clinical rotations. \*\* Hourly rate is an estimate based on composite data from the American Academy of Family Physicians (2011) & KY state department of Public Health, Primary Care Branch (2012) \*\*\* data from Explorehealthcareers.org

UNIVERSITY OF LOUISVILLE  
 KY AHEC CENTRAL PROGRAM OFFICE  
 Office of Minority and Rural Affairs  
 School of Medicine  
 Room 231 Instructional Building B  
 500 South Preston  
 Louisville, KY 40202  
 (502) 852-2759  
[www.louisville.edu/medschool/AHEC](http://www.louisville.edu/medschool/AHEC)



FY 2011-12  
 Student Community Based Service Hours  
 From University of Louisville Students and Residents

DISCIPLINES	STUDENTS	ROTATION WEEKS	AVERAGE STUDENT HOUR PER WEEK	TOTAL COMMUNITY BASED STUDENT HOURS
Medicine	394	1,660	30	49,800
Dentistry	36	153	30	4,590
Dental Hygiene	31	44	30	1,305
Pharmacy	86	430	30	12,900
Physican Assistant	47	211	30	6,330
Physical Therapy	26	178	30	5,340
Dietician	14	129	30	3,870
Communication Disorder	2	18	30	540
Nursing	161	339	30	10,178
Nurse Practioner	26	111	30	3,330
Other Allied Health	56	322	30	9,669
Total:	879	3,595		107,852

## Kentucky AHEC Centers With Counties & Populations (Based on 2010 Census Data)



<b>NORTHWEST AHEC-101</b>	<b>Population based on 2010 Census</b>
Bullitt	74,319
Carroll	10,811
Henry	15,416
Jefferson	741,096
Oldham	60,316
Shelby	42,074
Spencer	17,061
Trimble	8,809

<b>SOUTH CENTRAL AHEC-103</b>	<b>Population based on 2010 Census</b>
Adair	18,656
Allen	19,956
Barren	42,173
Breckenridge	20,059
Clinton	10,272
Cumberland	6,856
Edmonson	13,161
Grayson	25,746
Green	11,258
Hardin	105,543

<b>WEST AHEC-104</b>	<b>Population based on 2010 Census</b>
Butler	12,690
Caldwell	12,984
Christian	73,955
Daviess	96,656
Hancock	8,565
Henderson	46,250
Hopkins	46,920
Logan	26,835
McLean	9,531
Muhlenberg	31,499
Ohio	23,842
Todd	12,460
Union	15,007
Webster	13,621

<b>PURCHASE AHEC-102</b>	<b>Population based on 2010 Census</b>
Ballard	8,249
Calloway	37,191
Carlisle	5,104
Crittenden	9,315
Fulton	6,813
Graves	37,121
Hickman	4,902
Livingston	9,519
Lyon	8,314
Marshall	31,448
McCracken	65,565
Trigg	14,339

Hart	18,199
Larue	14,193
Marion	19,820
Meade	28,602
Metcalfe	10,099
Monroe	10,963
Nelson	43,437
Russell	17,565
Simpson	17,327
Taylor	24,512
Warren	113,792
Washington	11,717

<b>NORTHEAST AHEC-107</b>	<b>based on 2010 Census</b>
Bath	11,591
Boyd	49,542
Carter	27,720
Clark	35,613
Elliott	7,852
Fleming	14,348
Greenup	36,910
Lawrence	15,860
Lewis	13,870
Mason	17,490
Menifee	6,306
Montgomery	26,499
Morgan	13,923
Nicholas	7,135
Powell	12,613
Robertson	2,282
Rowan	23,333

<b>SOUTHEAST AHEC-109</b>	<b>Population based on 2010 Census</b>
Bell	28,691
Breathitt	13,878
Clay	21,730
Floyd	39,451
Harlan	29,278
Johnson	23,356
Knott	16,346
Lee	7,887
Leslie	11,310
Letcher	24,519
Magoffin	13,333
Martin	12,929
Owsley	4,755
Perry	28,712
Pike	65,024
Wolfe	7,355

<b>SOUTHERN AHEC-108</b>	<b>Population based on 2010 Census</b>
Boyle	28,432
Casey	15,955
Estill	14,672
Garrard	16,912
Jackson	13,494
Knox	31,883
Laurel	58,849
Lincoln	24,742
Madison	82,916
McCreary	18,306
Mercer	21,331
Pulaski	63,063
Rockcastle	17,056
Wayne	20,813
Whitley	35,637

<b>NORTH CENTRAL AHEC-106</b>	<b>Population based on 2010 Census</b>
Anderson	21,421
Boone	118,811
Bourbon	19,985
Bracken	8,488
Campbell	90,336
Fayette	295,803
Franklin	49,285
Gallatin	8,589
Grant	24,662
Harrison	18,846
Jessamine	48,586
Kenton	159,720
Owen	10,841
Pendleton	14,877
Scott	47,173
Woodford	24,939

**Total Kentucky Population - 4,339,367**

# KY AHEC OFFICES

# K Y A H E C

## **KY AHEC Central Program Office**

School of Medicine  
231 Instructional Building B  
500 South Preston  
Louisville, KY 40202  
(502) 852-3317 fax (502) 852-5261  
[www.louisville.edu/medschool/ahec](http://www.louisville.edu/medschool/ahec)

## West KY AHEC

Martha Pleasant  
200 Clinic Dr.  
Madisonville, KY 42431  
(270) 824-3442 fax (270) 824-3457

## Northwest KY AHEC

Brenda Fitzpatrick  
Family Health Center-Portland  
2215 Portland Avenue  
Louisville, KY 40212  
(502) 778-1607 fax (502) 774-1833

## South Central KY AHEC

Lucy Juett  
Western Kentucky University  
1906 College Heights Blvd. #41038  
Bowling Green, KY 42101-1038  
(270) 745-3325 fax (270) 745-5928

## Purchase KY AHEC

Loretta Maldaner  
Murray State University  
Room 225 Wells Hall  
Murray, KY 42071  
(270) 809-4123 fax (270) 809-4125

## **University of Kentucky**

### **AHEC Program Office**

138 Leader Avenue  
Lexington, KY 40508-9983  
(859) 323-8018 fax (859) 323-1043  
[www.mc.uky.edu/ahec](http://www.mc.uky.edu/ahec)

## Southern KY AHEC

Dwain Harris  
Rockcastle Hospital and Respiratory Care  
Center, Inc.  
145 Newcomb Avenue  
Mt. Vernon, KY 40456  
(606) 256-0950 fax (606) 256-1066

## Southeast KY AHEC

Michael Gayheart  
Southeast Kentucky Community College  
180 Taylor Ridge Rd., Suite 101  
Hazard, KY 41701  
(606) 487-0135 fax (606) 487-0153

## Northeast KY AHEC

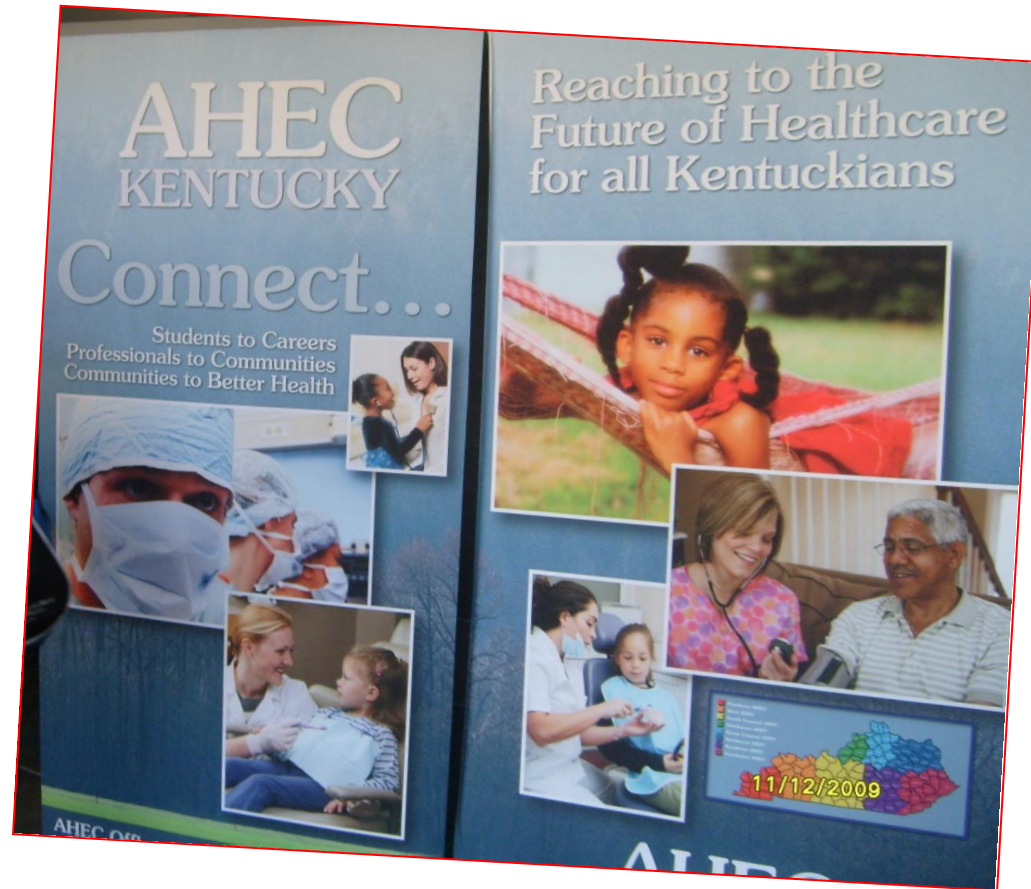
David Gross  
St. Claire Regional Medical Center  
222 Medical Circle  
Morehead, KY 40351  
(606) 783-6506 fax (606) 784-2767

## North Central KY AHEC

Rose Mueller  
Gateway Community and Technical College  
1030 Old State Road Park Hills, KY 41011  
(859) 442-1191 fax (859) 581-0589



K  
Y  
  
A  
H  
E  
C



UNIVERSITY OF  
**LOUISVILLE**<sup>®</sup>  
SCHOOL OF MEDICINE