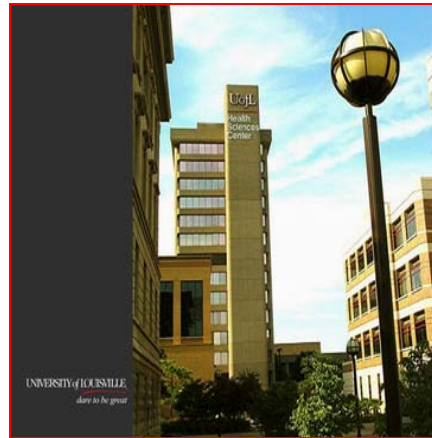


**UNIVERSITY OF LOUISVILLE  
AREA HEALTH EDUCATION CENTERS  
ANNUAL REPORT  
2009-2010**



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



# University of Louisville AHEC Annual Report, 2009-2010

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

**Educational support services to health profession students and health care providers,  
Community health education, and  
Programs that encourage health professions as a career choice.**

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Health Resources and Services Administration has designated 81 out of 120 Kentucky counties as Health Professional Shortage Areas and 100 counties have been classified as medically underserved areas. A state legislative mandate requires that all Health Profession Students complete a rotation in rural and underserved areas of Kentucky.

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The University of Louisville AHEC Central Program Office and our four regional centers work with Health Profession Students (Rising Third Year Students, Fourth Year Students and Residents within the School of Medicine, Fourth Year Dental Students, Third Year Dental Hygienist and Allied Health Students) to provide AHEC student rotations in rural and underserved areas in the Commonwealth. Regional AHECs help find rotation sites and identify Gratis Faculty to provide guidance to students in specific disciplines. This allows our students an opportunity to learn about living and working in rural and underserved areas of Kentucky.

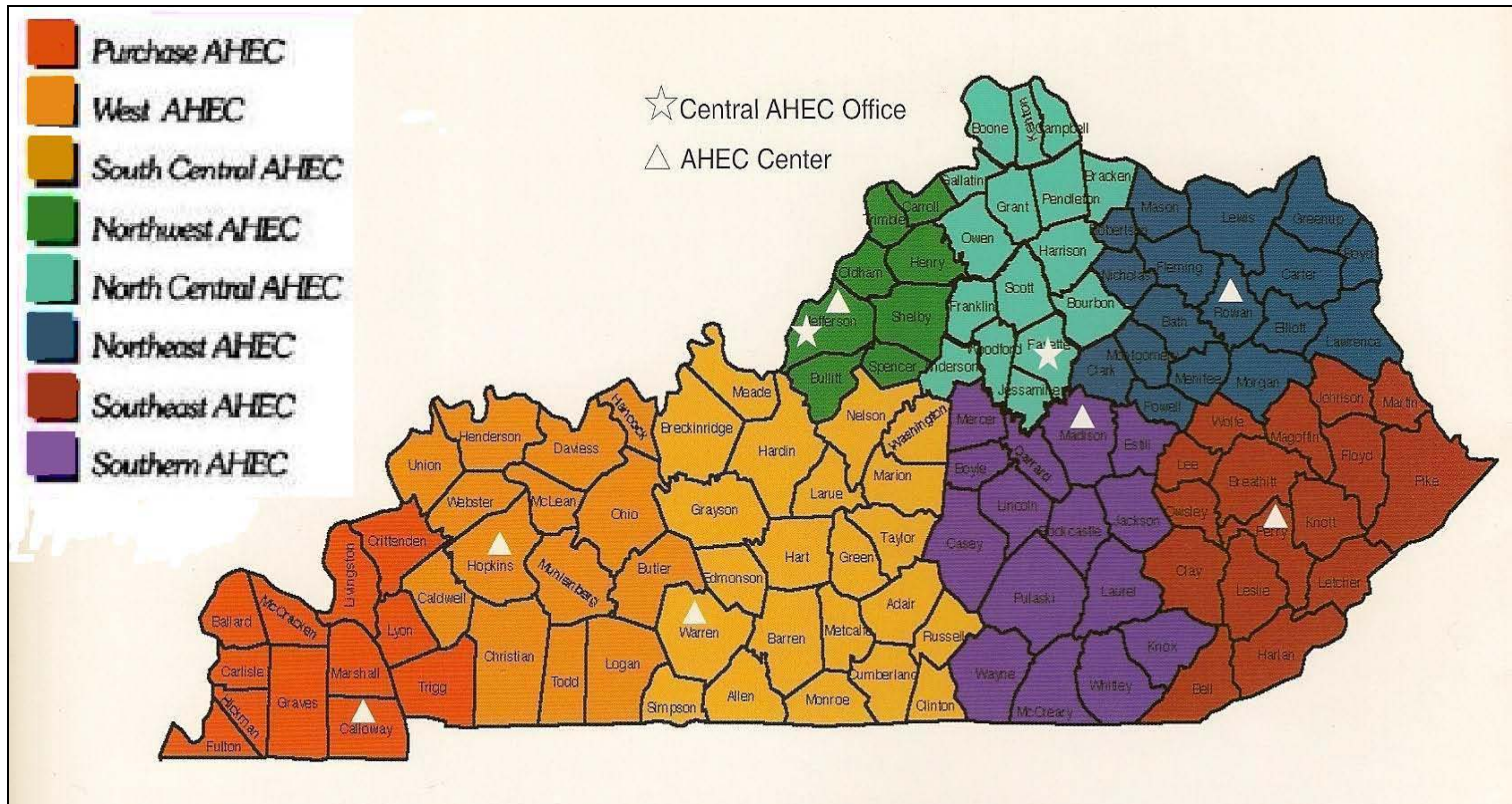
Each AHEC has comprehensive health career pipelines established in their regions with the collaboration of public and private schools, community-based programs and institutions of higher education to introduce K-12 students to health professions. AHECs also work with community partners to provide continuing education programs for medical personnel in underserved areas. Through collaboration with our community based partners, other institutions of higher education, public health departments, foundations, public schools as well as federal, state, regional and local organizations, we can eliminate disparities in health and health care, and address the goals of Healthy People 2020 and Health Kentuckians 2020 with interdisciplinary initiatives that also attract and encourage Health Profession Students to live and work throughout the Commonwealth of Kentucky.



V. Faye Jones, MD.

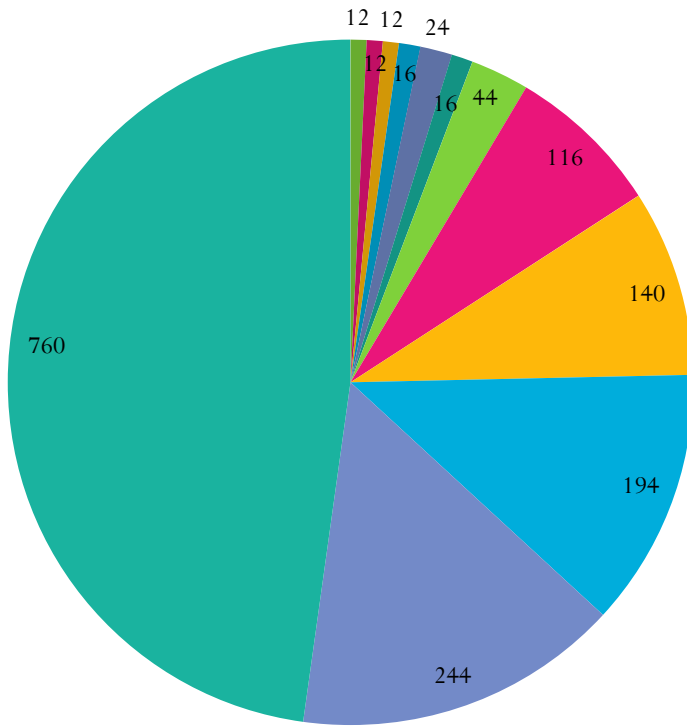
There are eight Regional AHEC Centers strategically located throughout the Commonwealth which are listed below. The UNIVERSITY OF LOUISVILLE AHEC CENTRAL PROGRAM OFFICE has the administrative, programmatic and fiscal responsibility for the western half of the state and for federal funding. The University of Louisville's four regional AHEC centers, located in western Kentucky are: Northwest AHEC, hosted by Park DuValle Community Health Center and Portland Family Health Center in Louisville; Purchase AHEC, hosted by Murray State University in Murray; South Central AHEC, hosted by Western Kentucky University in Bowling Green; and West AHEC, hosted by Trover Health Systems in Madisonville.

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# UofL Medical and Dental Students 2009-2010 Total AHEC Rotation Weeks

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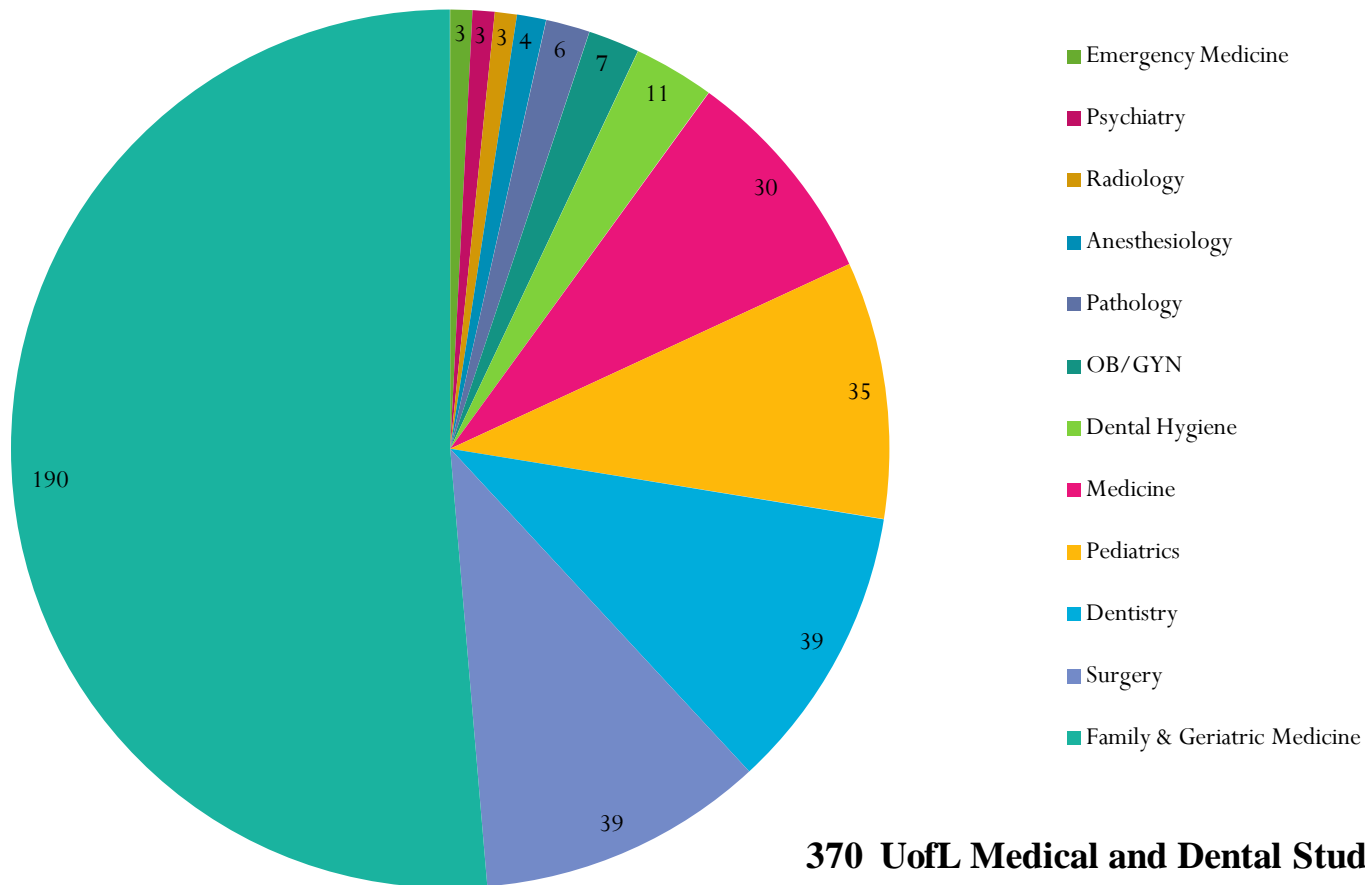


- Emergency Medicine
- Psychiatry
- Radiology
- Anesthesiology
- Pathology
- OB/GYN
- Dental Hygiene
- Medicine
- Pediatrics
- Dentistry
- Surgery
- Family & Geriatric Medicine

1,590 AHEC Rotation Weeks

# UofL Medical and Dental Students 2009-2010 AHEC Rotations by Department

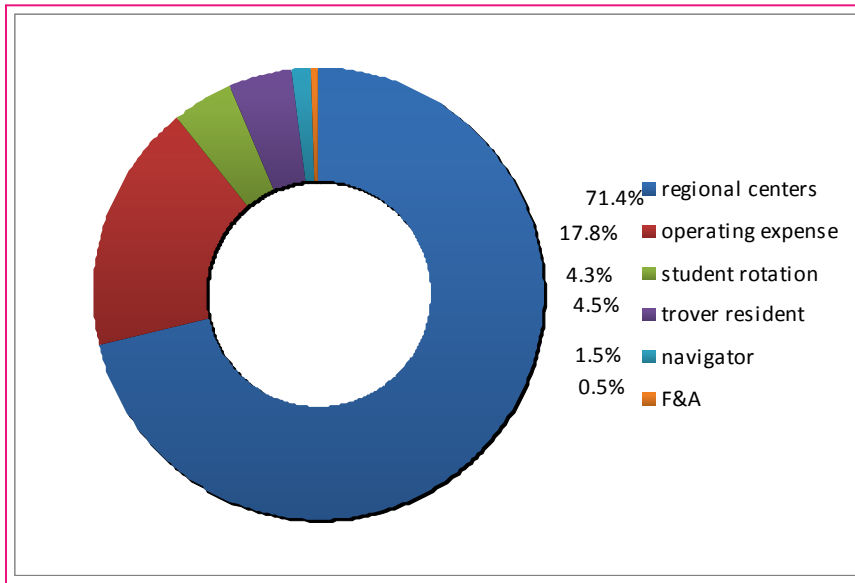
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**370 UofL Medical and Dental Students**

## AHEC Expenditures FY 2009-2010

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KY AHEC is primarily funded by the Commonwealth of Kentucky General Assembly. Kentucky AHEC also has a continuing Health Resources Services Administration (HRSA) Grant. Funds are distributed to all eight regional centers and the program offices at the University of Louisville and the University of Kentucky.

Student attending to patient in Purchase AHEC region.



## University of Louisville AHEC Health Career Pipeline

# K Y A H E C



- Pre-professional students (K-12) are introduced to health careers as potential career choices early in their educational process with up to 20 contact hours of introductory programs
- Enrichment programs are designed to provide up to 40 hours of interactive experiences that help students learn more about health careers and understand academic expectations. Young students learn and use academic skills (especially in math and science) that promote exploration of various fields within the health career pipeline.
- 65,592 students had contact with the UofL AHEC Health Career Pipeline in 09-10.

- Working with local school systems, universities, public health departments and community health facilities, these K-12 programs attract a diverse and talented cross section of youth with an interest in health care. These programs provide the guidance students need to become successful professionals.
- **Health Career Camps, Clubs and Workshops**
- **College/Career Days**
- **Math and Science Enrichment Programs**
- **Shadowing and Mentoring Experiences**
- **Tours**
- **MCAT Preparation Programs**
- **High School Scholars Programs**

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



UNIVERSITY OF  
**LOUISVILLE**<sup>®</sup>  
It's Happening Here.

2009-2010  
**AHEC'S DONATED ECONOMIC VALUE FROM  
GRATIS FACULTY = \$6,529,528.82\***

Each U of L gratis faculty member contributes approximately **13.2** hours per week with **11** different medical disciplines represented. They served **1,727** **Health Profession Students** at the **U of L AHECs** for a combined total of **8,690** weeks of instruction.

\*Statistic based on Rate Per Hour times Total Donated Mentoring Hours

AHEC students on rural clinical rotations spent a total of **\$124,363.06** for Food, Housing and Travel in the communities that they served.

AHEC Centers with the UofL Central Program Office:  
**NORTHWEST AHEC—BRENDA FITZPATRICK**  
**PURCHASE AHEC—LORETTA MALDANER**  
**SOUTH CENTRAL AHEC—LUCY JUETT**  
**WEST AHEC—TRICIA JORDAN**



### FY 2009-10

Donated Economic Value of Community Based Faculty with all Health Profession Students on rotation at the U of L AHEC Centers



DISCIPLINES	STUDENTS	ROTATION WEEKS	*COMMUNITY BASED FACULTY HOURS PER WEEK	TOTAL COMMUNITY BASED FACULTY HOURS	AVERAGE RATE PER HOUR	TOTAL VALUE
Medicine	379	2,421	13.2	31,957	\$96.00 **	\$ 3,067,872.00
Dentistry	32	141	13.2	1,861	\$80.50 **	\$ 149,810.50
Pharmacy	176	848	13.2	11,194	\$54.59 ***	\$ 611,080.46
Physician Assistant	69	325	13.2	4,290	\$66.95 ***	\$ 287,215.50
Physical Therapy	51	174	13.2	2,297	\$32.71 ***	\$ 75,134.87
Dietician	24	160	13.2	2,112	\$22.40 ***	\$ 47,308.80
Communication Disorder	4	30	13.2	396	\$29.39 ***	\$ 11,638.44
BSN	586	2,454.30	13.2	32,397	\$24.73	\$ 801,177.81
Nurse Practitioner	39	130	13.2	1,716	\$33.92	\$ 58,206.72
Other Allied Health	331	1,202	13.2	15,866	\$26.00	\$ 412,516.00
CRNA	36	805	20	16,100	\$72.00	\$ 1,159,200.00
<b>TOTAL:</b>	<b>1,727</b>	<b>8,690.30</b>		<b>120,186</b>		<b>\$ 6,681,161.10</b>

\*Community Based Faculty Hours Per Week equals 1/3 of their time teaching students on clinical rotations.

\*\* Data from ExploreHealthCareers.org. \*\*\*Data from the KY Hospital Association 2008 Annual Survey of Hospital Employees.

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 2009-10  
 Student Community Based Service Hours  
 From U of LAHEC Centers

DISCIPLINES	STUDENTS	ROTATION WEEKS	AVERAGE STUDENT HOUR PER WEEK	TOTAL COMMUNITY BASED STUDENT HOURS
Medicine	379	2,421	40	96,840
Dentistry	32	141	40	5,640
Pharmacy	176	848	40	33,920
Physician Assistant	69	325	40	13,000
Physical Therapy	51	174	40	6,960
Dietician	24	160	40	6,400
Communication Disorder	4	30	40	1,200
BSN	586	2,454.30	40	98,160
Nurse Practitioner	39	130	40	5,200
Other Allied Health	331	1,202	40	48,080
CRNA	36	805	40	32,200
<b>TOTAL:</b>	<b>1,727</b>	<b>8,690.30</b>		<b>347,600</b>

# The 5th Annual Cultural Competency Symposium, 2010



346 students in the University of Louisville School of Medicine and the University Dental School attended the annual symposium. Each workshop was designed to help students view issues through different perspectives when working with diverse patient populations.

**K** The symposium was sponsored by UofL School of Medicine, School of Dentistry, AHEC  
**Y** Regional Offices, The UofL Commission on Diversity & Racial Equality and The Muhammad Ali Center. Approximately 85% of the students indicated that the environment for the Cultural Competency Symposium was welcoming and respectful of diverse ideas, cultures and people.

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UofL first year medical students Ian Holbrook (left) and William Sears perform musical numbers that highlight the rural roots of Kentucky.



Dental student Greg Moody, Medical Student Alex Marti and Dental Student Ben Werner were members of the 2010 Cultural Competency Planning Committee



Chris Clements, MPA (left) Catholic Charities Migration & Refugee Services, Dr. Iosbani Morales-Alberteris, Cuba and Dr. Talal Shaker, Iraq

## SOUTH CENTRAL AHEC HEALTH CAREER PIPELINE IN ACTION

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- **E-Mentoring Programs for 8<sup>th</sup>, 9<sup>th</sup> and 10<sup>th</sup>** grade students in cooperation with Kentucky GEAR-UP.

Y

- **Cross Cultural Communications** - a new certificate program developed in cooperation with Western Kentucky University.

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- **College of Medicine Ambassadors**  
Program to discuss topics with students and parents in Green, Metcalfe, Allen and Edmonson Counties in cooperation with the University of Kentucky

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- **HOSA (Health Occupation Students of America) on the Hill** – an annual conference sponsored by South Central AHEC at WKU to help approximately 400 high school HOSA students prepare for the KY HOSA competitions in March.



Student on rotation in South Central AHEC region



Elementary school students introduced to health care and health careers

## PURCHASE AHEC: “Growing Our Own”

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- **CARDIAC** (Coronary Artery Risk Detection in All Children) project for 4<sup>th</sup> graders aims to increase awareness of cardiovascular risk factors in youth which includes being overweight, having high cholesterol or diabetes and being physically unhealthy. In 09-10 383 received Glucose, cholesterol, BMI and fitness testing.

- **Rural Health Scholars** a 4 week summer program for MSU pre-professional students in Medicine, Dentistry, Pharmacy or PT. Students are immersed in the many different parts of the rural health care settings



- **Seal West Kentucky** a school based dental sealant program for 2<sup>nd</sup> and 7<sup>th</sup> graders. In 09-10 1,385 students received 3,140 sealants.

- **Hands-on Health Career Fair** a career program for area freshmen who pre-select four areas of interest and participate in those career sessions. 604 freshmen from 13 school systems participated in November.

## West AHEC: Fourteen County Area with An Investment in the Future for Kentuckians

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- **The World's Greatest Baby Shower-Expectant Mother Education** to increase awareness of important health issues.

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- **Junior Surgery Program** for third year medical students that participate in an eight-week surgical clerkship in Madisonville, KY

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- **Henderson Children's Free Dental Clinic** is a partnership with UofL School of Dentistry, the Henderson County Community College Dental Assisting/Hygiene program and West AHEC to address poor oral health including pain, and difficulty eating for Kentucky's children.

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- **First Step Nursing Program** pairs high school students with nursing preceptor/mentor while learning basic skills used daily in nursing.



## NorthWest AHEC in Action:

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- **GrassRoots Alliance for Community Empowerment (GRACE) Project** is a train-the-trainer model for faith communities to become well informed brokers of health information for their congregations and reside communities. Thus far, GRACE Project is a coalition of 45 churches and 63 agencies linked by similar interest to address unmet health needs in the Louisville metro area.

- **HealthWise** is a 4-week structured summer math and science enrichment component targeting underrepresented minority, rural and other economically challenged students that have an interest in a health career. While HealthWise targets middle and high school age youth and is administered annually, a host of other activities designed for elementary and college age youth are conducted also. Numerous volunteers and health facilities are central to offering quality initiatives that promote and support student interest in the health professions.

- **Fit-4-Me** **Fit-4-Me** is a nutrition and fitness initiative for middle school age girls. Of the eighty girls to attend a 6 week course, 45 received additional screenings with education to assess blood pressure, cholesterol, glucose and BMI. Fit-4-Me partners include Women-4-Women and Anthem Health Plans of Kentucky and Park DuValle Community Health Centers, Inc.

- **Smile KY** is a collaborative oral health initiative targeting elementary age youth. Over 3800 students received oral screenings and 283 received free treatment at the UofL School of Dentistry for a total value of \$85,000. Among its many partners are the University of Louisville School of Dentistry, Louisville Water Company, public schools, local practitioners and other vital agencies and organizations..



Dr. Iosbani Morales-Alberteris with mothers and high school students.



Health Career Adventure Program

## KY AHEC OFFICES

# K Y A H E C

### **University of Louisville KY AHEC Central Program Office**

School of Medicine  
231 Instructional Building  
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  
Tricia Jordan  
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.  
PO Box 1770, 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  
St. Claire Regional Medical Center  
222 Medical Circle  
Morehead, KY 40351  
(606) 783-6506 fax (606) 784-2767

North Central KY AHEC  
Karkie Tackett  
Gateway Community and Technical College  
1030 Old State Road Park Hills, KY 41011  
(859) 442-1191 fax (859) 581-0589