Giving back......

Office of Cultural Enhancement and Diversity (OCED)
Staff Introductions

- Heather Collins
- Nicole Fickel
- Karen King
- Marcia Pomeroy
- Patricia Thomas, MD
OCED efforts

- Pipeline Programs
  - Health Careers Pathways Program k-12 and k-20
- National Institutes of Health (NIH) Science Education Partnership Award (SEPA)
- Center of Excellence for Diversity and Elimination of Health Disparities (COE)
Grant-funded Programs

KUMC Office of Cultural Enhancement and Diversity

7TH - 12TH GRADE PROGRAMS

Saturday Science & Math Academy
- Saturdays October - May • 7th - 12th grade • 120 students • KCKCC
- Students engage in academic enrichment through interactive learning labs, team building, pre-social development and cultural competency awareness. Stipends and transportation provided.

Youth Leadership & Development Corps (YLDC)
- Saturdays, September - April • rising 11th and 12th grade • 15-20 students • KCKCC
- Summer Science Residential Academy June - July • rising 11th and 12th grade • 15 students • KU Lawrence
- YLDC students provide mentorship and leadership to younger students and peers. Youth leaders will provide team building development for the Academies, small group facilitation, faculty support and more. Required training, stipends and transportation provided.

Summer Science Residential Academy
- Six weeks during summer • rising 10th - 12th grade • 30 - 50 students • KU Lawrence
- Students participate in a variety of hands-on learning activities: observe in National Institutes of Health (NIH) labs, review for ACT, perform in multicultural and poetry events, volunteer for community service activities, and complete medical internships. Students learn the academic and social rigor of college. Stipends and transportation provided.

Family Genetics Nights
- Select Tuesday and Thursday evenings during the school year and summer • KCKCC and KUMC
- Fifteen high school students work with UMKC and KCKCC Medical and Biology instructors to develop and moderate intergenerational learning stations dealing with public health issues in minority populations. All District 5700 K - 12 students and families are invited for an evening of learning and engagement. Stipends and transportation provided for high school students only.

Camp PathOlogical
- Five weeks during summer • 3 p.m. - 5 p.m. • rising 10th - 12th grade • 30 students • KUMC
- A summer camp based on hands-on research and knowledge regarding clinical trials and barriers for underrepresented minorities in research. Stipends and transportation provided.

Multimedia Project
- Early release Wednesday • 1:30 p.m. - 5:00 p.m. • 9th - 12th grade • 30 students • KCKCC
- Students work with artist-based filmmakers and KCKCC Media services to develop short films dealing with public health issues in minority populations. Students develop leadership and mentoring skills through training, research and interactive film project development. Stipends and transportation provided.

General Clinical Research Center (GRCRC) Interns
- Six weeks during summer • 9 a.m. - 3 p.m. • rising 12th & high school graduates • 10 students • KUMC
- Students work on an active research team conducting clinical trials. Stipends and transportation are provided.

Biomedical Research Interns
- Flexible after school schedule up to 15 hours / week • 11th - 12th grade • 4 students • KUMC
- Students are engaged year round with biomedical librarians and faculty in academic research. Hourly wage.

The goal of the OCED is to facilitate the entry into and success of students from populations underrepresented in health, math and science careers into these fields.

We offer a series of programs, or a ‘pipeline’, that feed into one another to support students from 7th grade through their professional careers.

OCED@kumc.edu • www2.kumc.edu/oced

UNDERGRADUATE

Health Science Enrichment Institute I
- Six weeks during summer • rising & graduated 12th grade • 20 students • KU Lawrence
- This six-week summer residency program at KU Lawrence teaches diagnostic testing, develops reading and communication skills, and offers instruction in mathematics, biology, chemistry, and English. It improves test-taking strategies along with note-taking, listening and time management skills. It is designed to reinforce the student’s success in a career as a health professional.

UNDERGRADUATE DEGREE

Students continue on a path to a career in health, math or science.

Funding Key
- Science Education Partnership Award (SEPA)
- Health Careers Pathways Program (HCOP/HCIP)

KU School of Medicine
The University of Kansas
High School

- Increased GPA
- Increased ACT results
- Upper Level Courses
- Graduation Rate
- College Matriculation
High School/College Preparation Outcomes

- 158 KCKPS students have graduated from the Summer Science Residential Academy (SSA)
  - 100% KCKPS students graduated from high school
  - 151 or 95% have entered college
  - 60% declared STEM majors
  - Graduating seniors have secured over $500,000 in scholarships
SEPA

- Biomedical Interns
- Family Genetics
- Camp PathOLogical
- GCRC Interns
- Public Service Announcements
- Dissemination
Grant-funded Programs

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Funding Key

- Science Education Partnership Award (SEPA)
- Health Careers Pathways Program (HCOP/HCPP)
Post-Baccalaureate Program

- 152 students have participated
- 95 (63%) have graduated
- 45 (30%) are still in school
- 2 completed the program and went elsewhere to medical school
- 93% success rate
- 58% choose primary care
Diversity and Elimination of Health Disparities

✓ **Center of Excellence** Infrastructure

✓ Of 1,045 HCPP college students, 296 have graduated from KUMC

✓ Increased first-year enrollment from minority and underrepresented groups from 1.7 percent to 18.3 percent

✓ Percent minority faculty greater than national average

✓ HCPP graduates are now on the faculty

✓ Ranked in the 100th and 75th percentile for training Native American and Hispanic students by AAMC

✓ Ranked 5th for social missions
Keys to progress

- Early Intervention
- Continuous Engagement
- Parental/Family/School Partnerships
- Stipends
- Not One Right Way
- Holistic Interview Process
- Reunions
Involvement

- Universal Applications
  - To download applications visit http://www2.kumc.edu/oced/kckapply
  - Eligibility
Calendar Cycles

**Summer Programs**
- Applications start: January 2011
- Paper copies sent to pipeline students: March 2011
- Deadline: March 2011
- Committee Reviews/Interviews with GCRC Researchers: April 2011
- Notifications: No later than May 2011
- Orientations: End of May 2011
  Start: June 2011
- **Programs**: GCRC, Camp Path, Biomedical Research Interns, Summer Science, HSEI-I

**Fall-Spring Programs**
- Applications start: April 2011
- Paper copies sent to pipeline students: August 2011
- Deadline: September 2011
  Committee Reviews/Interviews: September 2011
- Notifications: No later than September 2011
- Orientations: September 2011
  Start: September 2011
- **Programs**: Multimedia Program, Saturday Academy, Youth Leadership & Development Corps, Biomedical Research interns, COE interns
Contact Us

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