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.

7TH - 12TH GRADE STRUCTURED 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, pro-social development and cultural competency awareness.

**Youth Leadership & Development Corps**
Saturdays, September - April • rising 11th and 12th grade • 15-20 students • KCKCC
Youth leaders provide mentoring and team building development for the Academies, small group facilitation, faculty support and more.

**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 research labs, review for ACT, volunteer for community service activities, and complete medical internships.

**Family Genetics Nights**
Select Tuesday and Thursday evenings • KCKCC and KUMC
Fifteen high school students work with KUMC and KCKCC Medical and Biology instructors to develop and moderate intergenerational learning stations dealing with public health issues in minority populations. All District #500 K - 12 students and families are invited.

**Camp PathOlogical**
Five weeks during summer • rising 10th - 12th grade • 25 students • KUMC
A summer camp based on hands-on research and knowledge regarding clinical trials and barriers for underrepresented minorities in research.

**General Clinical Research Center (GCRC) Interns**
Six weeks during summer • rising 12th & high school graduates • 10 students • KUMC
Students work on an active research team conducting clinical trials.

**Multimedia Project**
Early release Wednesday • 9th - 12th grade • 25 students • KCKCC
Students work with artist-based filmmakers and KCKCC Media Services to develop short films dealing with public health issues in minority populations.

**Biomedical Research Interns**
Flexible after school schedule • 11th - 12th grade • 4 students • KUMC
Students are engaged year-round with biomedical librarians in academic research.

**Funding Key**
- Science Education Partnership Award (SEPA)
- Center of Excellence (COE)
- Health Careers Pathways Program (HCOP/HCPP)

UNDERGRADUATE

**Health Science Enrichment Institute I**
A six-week summer residency program at KU Lawrence for incoming Freshman that teaches diagnostic testing, develops reading and communication, offers instruction in mathematics, biology, chemistry, and English. It improves test-taking strategies and improves note-taking, listening, and time management skills.

**Health Science Enrichment Institute II**
A six-week summer residency program at KU Lawrence for Freshman & Sophomores that teaches critical thinking, organic chemistry, and physics. Offers a reading/writing laboratory that will assist students in enhancing reading comprehension and developing writing proficiency.

**Pre-Admissions Program**
A six-week summer residency program at KU Lawrence for Juniors & Seniors that prepares students to take the MCAT course. Students attend a reading/writing laboratory, receive assistance in preparing the AMCAS application, participate in mock medical school interviews, and take part in clinical rotations.

**Pre-Matriculation Program**
This 6-8 week program is for students who have been accepted to KUMC. It is designed to provide an overview of the Medical School Curriculum and to facilitate students’ transition into Year 1.

**MCAT and apply to medical school**

**Post-Baccalaureate Program**
This 13-month conditional admissions program accepts promising medical school applicants who, through interviews, show potential but require additional preparation. A series of courses at KU Edwards campus helps students develop necessary skills. Upon successful completion of the program, students are admitted to medical school.

**Take MCAT**

**Undergraduate Diploma**

**High School Diploma**

**Undergraduate Degree**

**Medical School**

**Learning Center Support**
The Learning Center supports students through academic advising, counseling, supplemental instruction, and professional development opportunities.

**M.D.**

**Medical Professional**

**Post-Professional Program**
The postdoctoral program promotes the recruitment, advancement and retention of minority faculty through programs designed to enhance their teaching, scholarship and research skills.

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