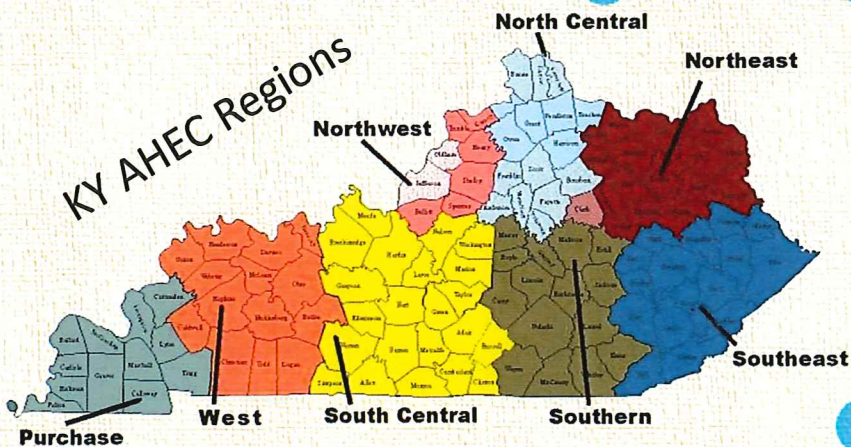


HEALTH CAREERS RESOURCE GUIDE

Prepared by:
North Central
Kentucky
Area Health
Education Center
(AHEC)



North Central
AHEC
Area Health Education Center

www.northcentralkyahec.org

Fall 2016

Health Careers Resource Guide

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www.northcentralkyahec.org



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What is an AHEC?

AHEC stands for Area Health Education Center. In Kentucky, there are eight unique Area Health Education Centers (AHECs) with a common mission: to improve the health of communities by developing an adequate, well-distributed, and trained healthcare workforce. The AHECs in Kentucky are dedicated to recruiting, training, and developing a diverse healthcare professional workforce and improving the supply and distribution of these professionals across each region, particularly in rural and underserved areas.

RECRUIT

AHECs promote health careers to students of all ages:

- Offering health-related presentations in schools
- Coordinating health career camps with hands-on and interactive activities
- Participating in school and career fairs
- Compiling and sharing reliable and high-quality information resources
- Assisting students interested in health occupations find enrichment activities and educational programs

TRAIN

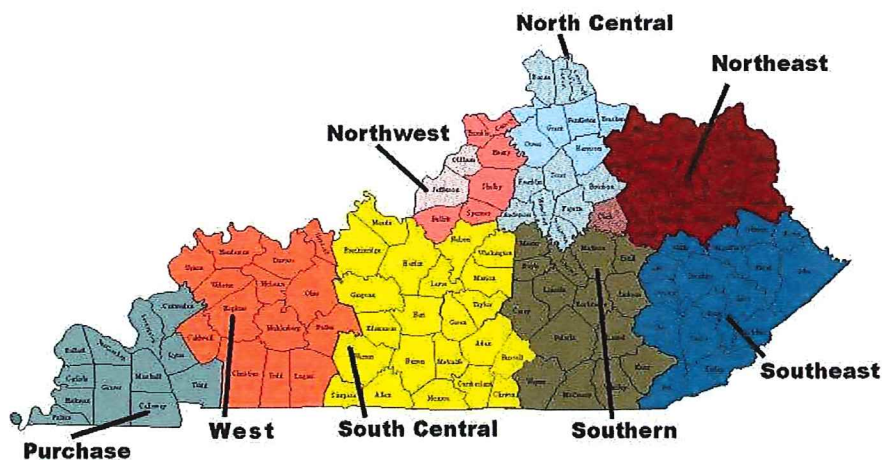
AHECs support current students who will become our healthcare professionals as they complete their training in underserved communities:

- Arranging their clinical rotations with community-based preceptors
- Providing housing away from their academic campus, when needed
- Supporting travel to clinical locations in a qualified rural or urban underserved area

PROFESSIONAL DEVELOPMENT

AHECs provide free-of-charge continuing education opportunities and information resources for healthcare professionals and schools' educators, in rural areas, to stay up-to-date with their respective credentials:

- Coordinating presentations and online educational events for continuing education credit
- Meeting the education and training needs of health providers and school educators
- Collaborating with community partners to develop and to offer quality educational events and conferences



AHECs in Kentucky

The goals of the Kentucky Area Health Education Centers program are to improve the distribution, quality, utilization and efficiency of healthcare personnel. AHEC connects the academic health education programs at the University of Kentucky and the University of Louisville with medically underserved communities throughout the Commonwealth. This unique university/community partnership brings together educators, community practitioners, health institutions and agencies along with health professions students to address Kentucky's long-standing healthcare access problems.

The Kentucky AHEC System is a cooperative endeavor of the University of Louisville Health Science Center and the University of Kentucky Medical Center. With state and federal funding, eight AHECs are maintained at strategic locations throughout the state.

The following offices are under the direction of the University of Louisville School of Medicine:

South Central AHEC (Bowling Green)

Western KY University
1906 College Heights Blvd. #41038
Bowling Green, KY 42101-1038
Phone: (270) 745-3325
Fax: (270) 745-5928
www.wku.edu/scahec

West AHEC (Madisonville)

Baptist Health Madisonville
200 Clinic Dr., 3rd Floor
Madisonville, KY 42431
Phone: (270) 824-3442
Fax: (270) 824-3457
www.baptisthealth.com/madisonville/

Purchase AHEC (Murray)

Murray State University
Room 225 Wells Hall
Murray, KY 42071
Phone: (270) 809-4123
Fax: (270) 809-4125
www.purchaseahec.org

Northwest AHEC (Louisville West End)

Family Health Center - Portland
2215 Portland Avenue, Suite 326
Louisville, KY 40212
Phone: (502) 778-1607
Fax: (502) 774-1833
www.louahec.org

The following offices are under the direction of the University of Kentucky College of Medicine:

Northeast AHEC (Morehead)

316 W. Second St, Suite 203
Morehead, KY 40351
Phone: (606) 783-6506
Fax: (606) 784-2767
www.neahec.org

Southeast AHEC (Hazard)

180 Taylor Ridge Rd, Suite 101
Hazard, KY 41701
Phone: (606) 487-0135
Fax: (606) 487-0153
www.southeastkyahec.com

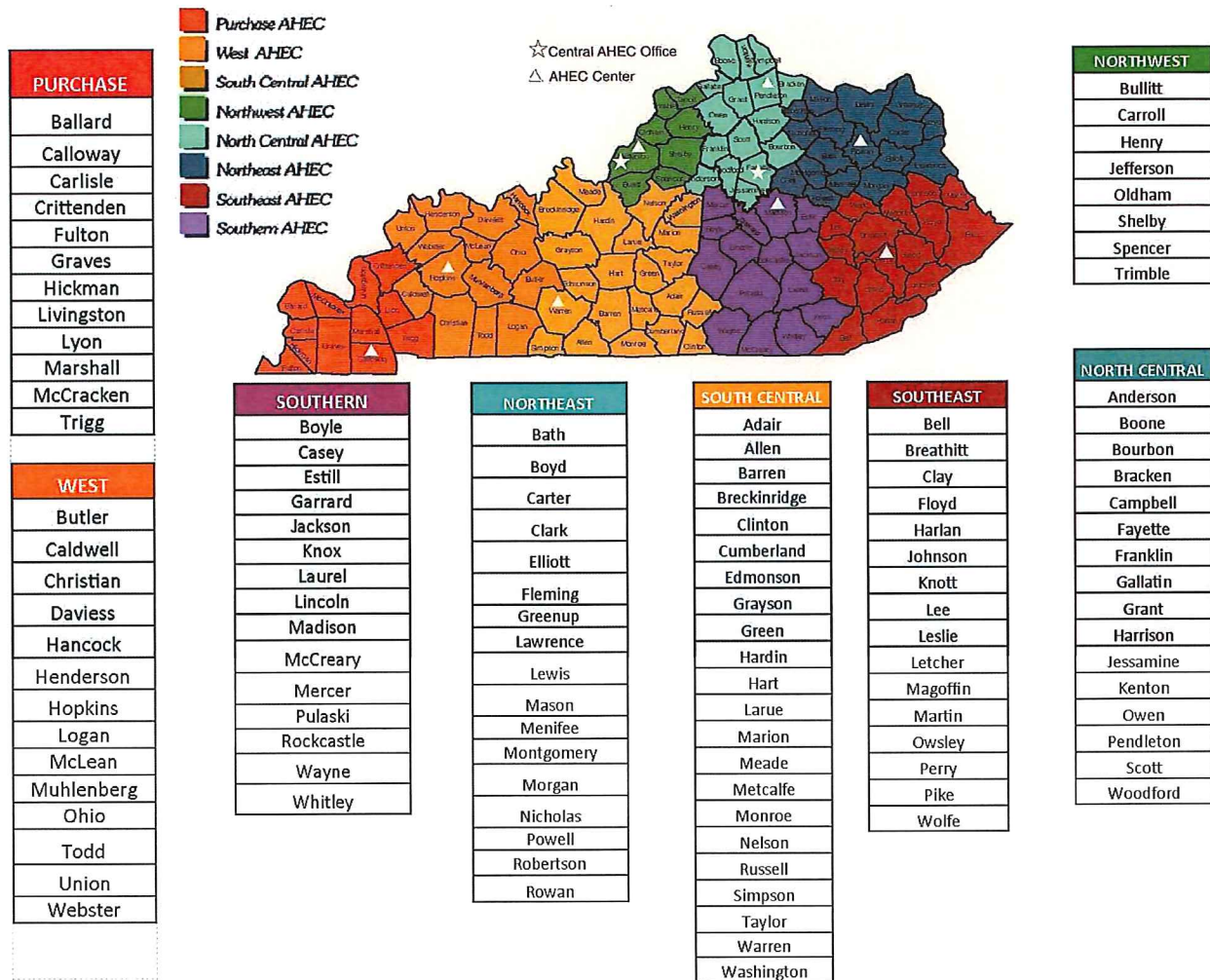
Southern AHEC (Mt. Vernon)

Rockcastle Hospital and Respiratory Care Center
P.O. Box 1770, 145 Newcomb Avenue
Mt. Vernon, KY 40456
Phone: 606-256-0950
Fax: 606-256-1066
www.soahec.org

North Central AHEC (Covington)

131 East Fifth St.
Covington, KY 41011
Phone: (859) 442-1191
Fax: (859) 581-0589
www.northcentralkyahec.org

AHEC County Regions



If you are interested in one of our programs, contact the AHEC in your county where you work or attend school. Each AHEC is staffed by a Center Director and staff that will assist students and provide information about the area. Each regional office serves as a focal point for all student activity in their designated areas. Students from both universities are welcome at any of the locations.

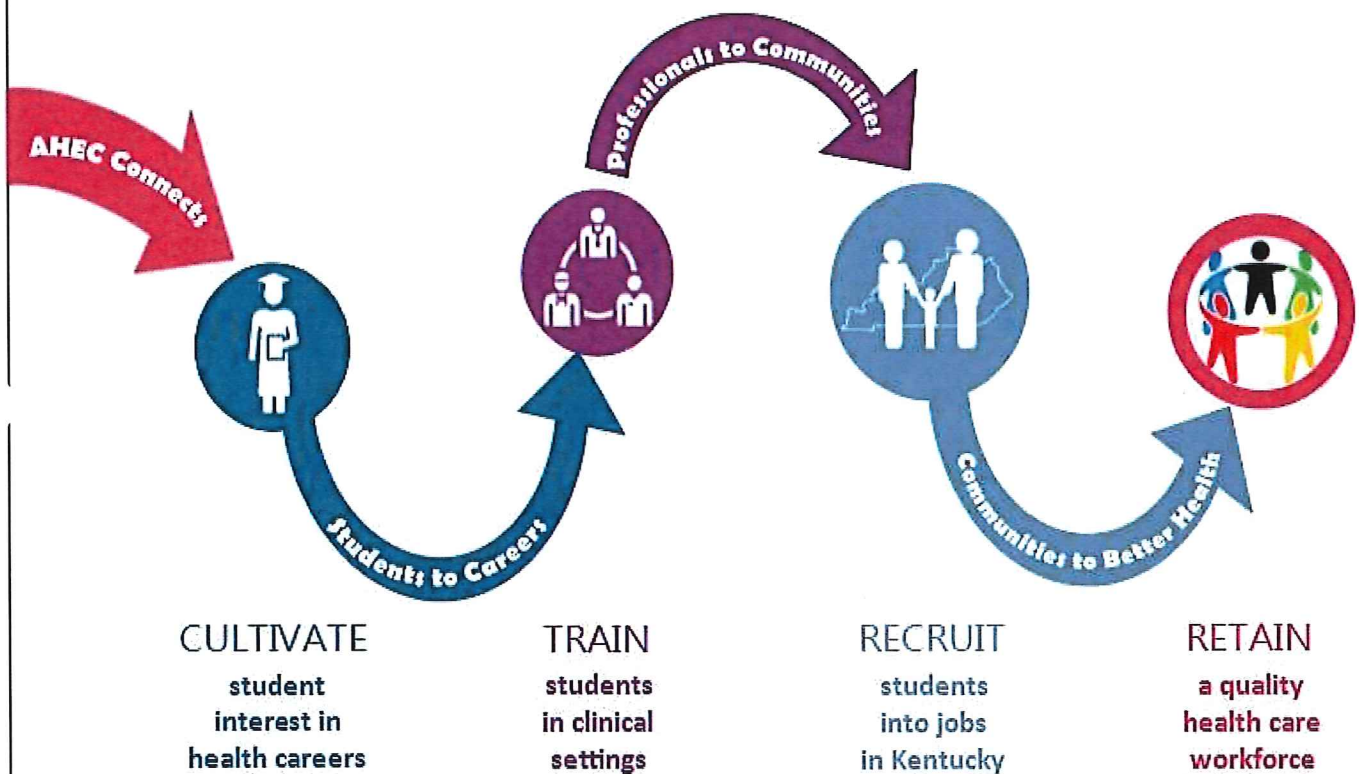
<p>University of Louisville AHEC Office University of Louisville School of Medicine Instructional B-Building, Room 231 500 South Preston Street Louisville, Kentucky 40202 Phone: (502) 852-3317 Fax: (502) 852-5261 http://louisville.edu/medicine/ahec/</p>	<p>University of Kentucky AHEC Office College of Medicine 138 Leader Ave, Room 144 Lexington, KY 40506-9983 Phone: (859) 323-8018 Fax: (859)323-1043 https://ahec.med.uky.edu/</p>
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AHEC at Work

**From Pipeline to Placement,
Here's How It Works:**



www.northcentralkyahec.org



Health Careers Clusters

BIOTECHNOLOGY

Individuals pursuing a career in the Biotechnology Research and Development pathway will be involved in bioscience research and development as it applies to human health. These scientists may study diseases to discover new treatments or invent medical devices used to directly assist patients or to improve the accuracy of diagnostic tests.

Bachelors	Molecular Technologist
Masters	Biomedical Engineer
	Biotech Research Scientist
	Pharmaceutical Formulation Specialist

CLINICAL LABORATORY

Careers in the clinical laboratory are highly skilled professions, even though they are not personally involved with patients. Tests are usually done on clinical specimens in order to obtain information about the health of a patient as pertaining to the diagnosis, treatment, and prevention of disease. Other professionals in this field focus on collecting, processing and analyzing biological specimens, and performing laboratory procedures related to common diseases and conditions.

Certificate	Phlebotomist
Associates	Medical Laboratory Technician
Bachelors	Medical Laboratory Scientist – many specialties
Masters	Genetic Counselor
	Laboratory Manager
	Pathology Assistant
Doctorate	Hematologist (see Medical)
	Pathologist (see Medical)

DENTISTRY

Dentistry is a branch of medicine that is concerned with the study, diagnosis, prevention and treatment of diseases, disorders and conditions of the oral cavity, the maxillofacial area and the adjacent and associated structures. Essentially, dentistry is directed at oral care and dental health maintenance. The field of dentistry offers various career options at multiple educational and professional levels. Using a team approach, dental health providers are committed to preventing oral health problems.

Certificate	Dental Assistant
Associates	Dental Hygienist
	Dental Laboratory Technician
Bachelors	Dental Hygienist
Doctorate	Dentist
	Dental Specialties

Health Careers Clusters

FORENSICS

Forensic scientists contribute to legal debates by applying scientific methods to the investigation of legal problems. Health care providers in this field include doctors, dentists and toxicologists. In many cases, they serve as frontline workers at the scene of a disaster or crime. The field of forensic science draws from a number of scientific branches, including physics, chemistry, and biology, with its focus being on the recognition, identification, and evaluation of physical evidence.

Bachelors	Chemist Forensic Engineer	
Masters	Chemist Forensic Toxicologist	Forensic Engineer Physical Anthropologist
Doctorate	Odontologist (see Dental) Pathologist (see Medical)	

HEALTHCARE ADMINISTRATION AND PERSONNEL

Health administration professionals work to administer, lead and manage healthcare systems, such as hospitals, hospital networks or large healthcare systems. These dedicated individuals work closely with other healthcare professionals to ensure that patients receive the best possible care. Healthcare administrators work to create a stable flow in organizations and must be skilled in financial planning, human resources management, public relations, and long range planning.

Certificate	Coding/Billing (see HIT) Medical Interpreter	Medical Assistant Record Technician (see HIT)
Associates	Health Information Technology Medical Secretary	Medical Assistant
Bachelors	Health Administrator	
Masters	Health Administrator	

MEDICAL IMAGING

Medical imaging capture images of broken bones, tissue abnormalities or even unborn babies in pregnant women. You can choose to work in one of two areas of medical imaging: Radiology (using radiation to obtain images) and sonography (using sound waves). Professionals in the field of radiologic and imaging science provide the healthcare team with diagnostic and therapeutic services. Using radiation, radio-activity, ultrasound and other methods, they produce images, explore body functions and structure, and provide diagnoses.

Associates/Bachelors	Diagnostic Medical Sonographer Nuclear Medicine Technologist Polysomnographic Technologist Radiologic Technologist	Radiation Therapist
Doctorate	Radiologist (see medical)	

Health Careers Clusters

MEDICAL

Medical doctors examine, diagnose and treat patients. They can specialize in a number of medical areas, such as pediatrics, anesthesiology or cardiology, or they can work as general practice physicians. Becoming a medical doctor requires earning a doctoral degree in medicine and participating in clinical rotations. A desire to learn is essential because healthcare providers must keep up with new advances in technology, equipment, procedures and medications.

Masters	Physician Assistant
Doctorate	Chiropractor
	Medical and Surgical Specialties
	Physician
	Podiatrist

MENTAL AND HUMAN SERVICES

Working with individuals and/or groups of all ages, health professionals in this field help children, adolescents and adults deal with a variety of life stresses and problems, including addiction/substance abuse; problems with self-esteem; aging-related mental health issues; family, parenting or marital problems; grief, anger or depression; and other emotional or behavioral issues. Their responsibilities may include mental health promotion, treatment and rehabilitation of persons with psychological disorders, or serving as a bridge between people and resources needed to help resolve challenges.

Associates	Human Services Professional
Bachelors	Chaplain
	Human Services Professional
	Social Worker
Masters	Chaplain
	Psychologist
	Social Worker
	Doctorate
	Psychiatrist (see Medical)
	Psychologist

Health Careers Clusters

NURSING

Nursing is the protection, promotion, and optimization of health and abilities, prevention of illness and injury, facilitation of healing, alleviation of suffering through the diagnosis and treatment of human response, and advocacy in the care of individuals, families, groups, communities, and populations. The profession of nursing offers a wide range of career opportunities through different levels of education and professional practice.

Certificate	Certified Nursing Assistant
Associates	Registered Nurse, ASN
Bachelors	Registered Nurse, BSN Registered Nurse, First Assistant (FA) (see Advanced Nursing Options)
Masters	Advanced Practice Registered Nurse (Nurse Practitioner) Certified Registered Nurse Anesthetist (see Advanced Nursing Options) Flight Nurse (see Advanced Nursing Options) Midwife (see Advanced Nursing Options) Registered Nurse, MSN
Doctorate	Doctorate of Nursing Practice (see Advanced Nursing Options)

NUTRITION AND DIETETICS

Dietetics is the science of how food and nutrition affects human health. The field of dietetics has a strong emphasis on public health and a commitment to educating all Americans about the importance of making proper dietary choices. Dietitians and nutritionists are experts in the use of food and nutrition to promote health and manage disease. They advise people on what to eat in order to lead a healthy lifestyle or achieve a specific health-related goal.

Certificate	Lactation Consultant
Associates	Dietetic Technician
Bachelors	Dietetic Technician Food Scientist Nutrition Specialist – many options
Masters	Dietitian
Doctorate	Human Nutritionist

PHARMACY

Pharmacists dispense prescription medications to patients and offer expertise in the safe use of prescriptions. They also may conduct health and wellness screenings, provide immunizations, oversee the medications given to patients, and provide advice on healthy lifestyles.

Certificate	Pharmacy Technician
Associates	Pharmacy Technician
Doctorate	Pharmacist

Health Careers Clusters

PUBLIC HEALTH

Public health is defined as the science of protecting and improving community health by way of preventive medicine, health education, sanitation strategies, monitoring of environmental hazards and the collection and research of disease and injury data to develop strategies for prevention. Rather than focusing on diagnosing and treating disease in individuals, public health professionals seek to improve the health of communities through prevention and health promotion.

Bachelors	Biostatistician Environmental Health Specialist Health Educator
Masters	Biostatistician Environmental Health Specialist Epidemiologist Health Educator
Masters	International Health Specialist Midwife
Doctorate	Epidemiologist International Health Specialist Preventive Medicine Physician (see Medical)

THERAPY AND REHABILITATION

Therapy and rehabilitation are the application of any medical, psychiatric, psychological or alternative process designed to promote health and well-being of an individual with the goal of helping him or her achieve the highest level of function, independence, and quality of life possible. Therapists work with individuals who have conditions that are mentally, physically, developmentally, or emotionally disabling. They assess the nature and extent of the problems and help the individuals manage them in order to develop, recover, or maintain daily living and work skills.

Certificate	Massage Therapist	
Associates	Massage Therapist Occupational Therapy Assistant Physical Therapy Assistant Respiratory Therapist	
Bachelors	Athletic Trainer Respiratory Therapist	Recreation Therapist
Masters	Art Therapist Dance Therapist Recreation Therapist Speech and Language Pathologist	Athletic Trainer Occupational Therapist
Doctorate	Audiologist Occupational Therapist Physical Therapist	

Health Careers Clusters

VISION

Ophthalmologists, optometrists and opticians all provide eye care services. An ophthalmologist is a physician (doctor of medicine, MD, or doctor of osteopathy, DO) who specializes in the medical and surgical care of the eyes and visual system and in the prevention of eye disease and injury. An optometrist is a health service provider who is involved primarily with vision problems. Optometrists are specifically educated and trained by an accredited optometry college in a four-year course, but have not attended medical school. An optician is a technician who makes, verifies and delivers lenses, frames and other specially fabricated optical devices and/or contact lenses upon prescription to the intended wearer.

Associates	Optician
Doctorate	Ophthalmologist (see Medical)
	Optometrist

ADDITIONAL HEALTH CAREERS

The healthcare industry is filled with endless possibilities when it comes to choosing a career. You can work with patients or with papers, give a shot or give a shoulder to lean on. If you are interested in the healthcare field, there is a job to fit your dreams and experience level. Jobs in healthcare range from physician to pharmacist to physical therapist.

Certificate	Electrocardiogram (EKG) Technician Emergency Medical Technician (EMT)
Associates	Electrocardiogram (EKG) Technician Medical Aesthetician Mortician Paramedic Surgical Technician Veterinary Technician
Bachelors	Exercise Physiologist Mortician Orthotist/Prosthetist Science Writer Veterinary Technician
Masters	Acupuncturist Biomechanist Exercise Physiologist Health Science Librarian Medical Illustrator Perfusionist
Doctorate	Veterinarian

Career Inventory

This inventory serves as a preliminary assessment with suggestions for possible health career options. Think about what you like to do and see—this can help you identify a career area and begin planning for your future.

Personality Type	Description	Health Career Options
Realistic	<p>Enjoys working with animals, tools or machines; generally, avoids social activities like teaching, nursing, and informing others.</p> <p>Values practical things you can see and touch.</p>	<ul style="list-style-type: none"> ▪ Biomedical Engineer ▪ Medical Laboratory Scientist ▪ Dental Assistant ▪ Perfusionist ▪ Veterinarian ▪ Veterinarian Technician
Investigative	<p>Enjoys math or science solving problems, investigating, conducting research.</p> <p>Has great skills at analyzing mathematical or scientific activities.</p>	<ul style="list-style-type: none"> ▪ Biologist ▪ Chemist ▪ Medical Laboratory Technician ▪ Cytotechnologist ▪ Dentist ▪ Environmental Health Scientist ▪ Forensic Scientist ▪ Genetic Counselor ▪ Pharmacist ▪ Phlebotomist ▪ Physician
Artistic	<p>Enjoys using images, material, music, words, movements, as well as systems and programs to express oneself and designing and crafting things.</p>	<ul style="list-style-type: none"> ▪ Creative Art Therapist ▪ Medical Illustrator ▪ Medical Interpreter ▪ Medical Librarian ▪ Music Therapist ▪ Recreational Therapist
Social	<p>Enjoys working with others, doing things to help people, and reaching out.</p> <p>Has good skills at teaching, counseling, nursing or giving information.</p>	<ul style="list-style-type: none"> ▪ Athletic Trainer ▪ Community Health Worker ▪ Human Services Professional ▪ Health Educator ▪ Nurse ▪ Psychologist ▪ Social Worker
Enterprising	<p>Enjoys leading, encouraging and working in a business setting as a leader.</p> <p>Solves problems by taking risks. Instead of doing research this person relies on intuition and creativity about what would work.</p>	<ul style="list-style-type: none"> ▪ Health Information Technology ▪ Health Information Administrator ▪ Healthcare Administrator ▪ Social/Human Services Professional
Conventional	<p>Enjoys organizing, following procedures planning events, and working with numbers.</p>	<ul style="list-style-type: none"> ▪ Biostatistician ▪ Coder ▪ Epidemiologist ▪ Health Science Librarian ▪ Medical Secretary ▪ Medical Transcriptionist

For more detailed information visit www.careerkey.org and U.S. Department of Education. These sources provide excellent information about matching your personality with the perfect career.

Financial Aid Resources

Organization	Website	Description
Federal Student Aid , an office of the U.S. Department of Education	www.fafsa.gov	It is the Free Application for Federal Student Aid (FAFSA). The form asks for a great deal of detailed information about the financial situation of the student's family. It can be prepared annually by current and prospective college students in the United States to determine their eligibility for student financial aid.
Federal Student Aid	www.studentaid.ed.gov Click on the Types of Aid tab	This section explains and lists what are the different types of financial aid, such as grants and scholarships from the federal government, state government, your college or career school, or a private or nonprofit organization.
Kentucky Higher Education Assistance Authority (KHEAA)	www.kheaa.com	KHEAA is a public corporation and governmental agency created to improve access to college and technical schools. KHEAA administers several financial aid programs and disseminates information about higher education opportunities.
Kentucky Educational Excellence Scholarship (KEES)	www.kheaa.com Select <i>Sign In</i> to check your KEES account	KEES is your key for free money for college. KEES provides Kentucky high school students with money for tuition and education-related expenses. Need a GPA of 2.5 or better in each year of high school to get it.
KnowHow2GOKy	www.knowhow2goky.org	KnowHow2GoKy is designed to encourage Kentucky students of all ages to prepare for college and a career.

Financial Aid Resources

Organization	Website	Description
Fastweb	www.fastweb.com	Fastweb is a scholarship finder to help you pay for school. It also offers information about colleges and additional financial aid.
FinAid	www.finaid.org	FinAid site offers a comprehensive guide of student financial aid information, advice and tools. It is free for all users.
Scholarships	www.scholarships.com	Students can find money for college as well as learn about the entire financial aid process. This site is widely-used and trusted free college scholarship search and financial aid information resources nationwide.
CHEGG	www.chegg.com	Students can search for free scholarships, browse course reviews, get 24/7 study help and rent textbooks for a fraction of the cost of your bookstore. This site is one big education-redefining student hub.
Cappex	www.cappex.com	This site offers a variety of scholarship resources, and college search.
Mapping Your Future	www.mappingyourfuture.org	Mapping Your Future is a nonprofit organization committed to helping students, families, and schools navigate the higher education and student loan processes through trusted career, college, and financial aid counseling and resources.
Explore Health Careers	www.explorehealthcareers.org	This site is a free, multi-disciplinary, interactive health careers website that gives students comprehensive information about the health professions.

Colleges and Universities

Bellarmino University

www.bellarmino.edu
2001 Newburg Road
Louisville, KY 40205
502-272-8000

Berea College

www.berea.edu
101 Chestnut Street
Berea, KY 40403
859-985-3000

Brescia University

www.brescia.edu
717 Frederica Street
Owensboro, KY 42301
877-273-7242

Campbellsville University

www.campbellsville.edu
1 University Drive
Campbellsville, KY 42718
270-789-5000

Eastern Kentucky University

www.eku.edu
521 Lancaster Avenue
Richmond, KY 40475
859-622-1000

Georgetown College

www.georgetowncollege.edu
400 East College Street
Georgetown, KY 40324
800-788-9985

Kentucky Christian University

www.kcu.edu
100 Academic Parkway
Grayson, KY 41143
800.522.3181

Kentucky State University

www.kysu.edu
400 East Main St.
Frankfort, KY 40601
502-597-6000

Kentucky Wesleyan College

www.kwc.edu
3000 Frederica Street
Owensboro, KY 42301
800-999-0592

Lindsey Wilson College

www.lindsey.edu
210 Lindsey Wilson Street
Columbia, KY 42728
270-384-2126

Midway College

www.midway.edu
512 East Stephens Street
Midway, KY 40347
800-952-4122

Morehead State University

www.moreheadstate.edu
150 University Boulevard
Morehead, KY 40351
800-585-6781

Murray State University

www.murraystate.edu
102 Curris Center
Murray, KY 42071
800-272-4678

Northern Kentucky University

www.nku.edu
Nunn Drive
Highland Heights, KY 41099
859-572-5100

Spalding University

www.spalding.edu
901 South Fourth St.
Louisville, KY 40203
502-585-9911

Sullivan University

www.sullivan.edu
3101 Bardstown Road
Louisville, KY 40205
502-456-6505

Thomas More College

www.thomasmore.edu
333 Thomas More Parkway
Crestview Hills, KY 41017
859-341-5800

Transylvania University

www.transy.edu
300 North Broadway
Lexington, KY 40508
859-233-8300

Union College

www.unionky.edu
310 College Street
Barbourville, KY 40906
800-489-8646

University of the Cumberlands

www.ucumberlands.edu
6178 College Station Drive
Williamsburg, KY 40769
877-713-8767

University of Kentucky

www.uky.edu
100 W.D. Funkhouser Building
Lexington, KY 40506
859-257-2000

University of Louisville

www.louisville.edu
2211 South Brook Street
Louisville, KY 40292
502-852-6531

University of Pikeville

www.upike.edu
147 Sycamore Street
Pikeville, KY 41501
606-218-5250

Western Kentucky University

www.wku.edu
1906 College Heights Blvd.
Bowling Green, KY 42101
270-745-2551

Community and Technical Colleges

Ashland Community and Technical College

www.ashland.kctcs.edu
1400 College Dr., Ashland, KY 41101
(606)-326-2000

Big Sandy Community & Technical College

www.bigsandy.kctcs.edu
1 Bert Combs Dr., Prestonsburg, KY 41653
(606) 886-3863

Bluegrass Community & Technical College

www.bluegrass.kctcs.edu
470 Cooper Dr., Lexington, KY 40502
855-246-2477

Elizabethtown Community & Technical College

www.elizabethtown.kctcs.edu
600 College Street Rd., Elizabethtown, KY 42701
(270) 769-2371

Gateway Community & Technical College

www.gateway.kctcs.edu
500 Technology Way, Florence, KY 41042
(859) 441-4500

Hazard Community & Technical College

www.hazard.kctcs.edu
One Community College Dr., Hazard, KY 41701
(606) 436-HCTC

Henderson Community College

www.henderson.kctcs.edu
2660 S Green St., Henderson, KY 42420
(270) 827-1867

Hopkinsville Community College

www.hopkinsville.kctcs.edu
720 North Dr., PO Box 2100, Hopkinsville, KY 42241
(270) 707-3700

Jefferson Community & Technical College

www.jcc.kctcs.edu
200 W Broadway, Louisville, KY 40202
(502) 213-5333

Madisonville Community & Technical College

www.madcc.kctcs.edu
2000 College Dr., Madisonville, KY 42431
(270) 821-2250

Maysville Community & Technical College

www.maysville.kctcs.edu
1755 US-68 BUS, Maysville, KY 41056
(606) 759-7141

Owensboro Community & Technical College

www.octc.kctcs.edu
4800 New Hartford Rd., Owensboro, KY 42303
(270) 686-4400

Somerset Community & Technical College

www.somcc.kctcs.edu
808 Monticello St., Somerset, KY 42501
(877) 629-9722

Southcentral KY Community & Technical College

www.southcentral.kctcs.edu
1845 Loop Ave., Bowling Green, KY 42101
(270) 901-1000

Southeast Community & Technical College

www.southeast.kctcs.edu
700 College Rd., Cumberland, KY 40823
(606) 589-2145

West KY Community & Technical College

www.westkentucky.kctcs.edu
4810 Alben Barkley Dr., Paducah, KY 42001
(270) 554-9200

TIMELINE FOR COLLEGE PLANNING

WHEN TO BEGIN

WHAT TO DO

HOW TO DO IT

September – October
Sophomore Year

Meet with your school counselor or mentor to discuss colleges and their requirements. Consider taking a practice *Preliminary SAT/National Merit Scholarship Qualifying Test* (PSAT/NMSQT)

Take a practice test at collegereadiness.collegeboard.org

November – December
Sophomore Year

Every year in high school work with your parents to estimate your potential financial aid options, and continue to save for college.

Use the FAFSA4caster on the Federal Student Aid website at faisa.gov

January – February
Sophomore Year

Think about what career you may like to have when you get out of school. It will help when deciding on a college if you know what majors interest you.

Complete a career inventory questionnaire to determine which career fields match your personality type. Visit www.careerkey.org to complete this excellent tool for your future.

March – April
Sophomore Year

Go to career information events to get a more detailed look at career options. Research majors that might be a good fit with your interests and goals based on your results from the U.S. Department of Labor's career search.

Visit *What do you want to do for a living?* Website at www.mynextmove.org

May
Sophomore

Plan to use your summer wisely: work, volunteer, or take a summer course (away or at a local college). Also, learn about the differences between grants, loans, work-study, and scholarships.

Visit *Deferal Student Aid – Office of the U.S. Department of Education* at <https://studentaid.ed.gov/sa/types>

September – October
Junior Year

Start your personalized college plan.
List colleges you are considering and get information.
Strive for 3.0 or above GPA throughout high school.

Explore the *Kentucky Higher Education Assistance Authority* website at www.kheaa.com
Attend college fairs and open houses. Register for the SAT if your college requires it.

November – December
Junior Year

Ask about test dates for the PSAT, ACT and SAT. You will need to register up to 6 weeks ahead of time. Check with the colleges you are interested in to see what tests they require.

Take practice tests at their correspondent website: collegereadiness.collegeboard.org and www.khanacademy.org

TIMELINE FOR COLLEGE PLANNING

WHEN TO BEGIN

WHAT TO DO

HOW TO DO IT

January - February
Junior Year

Research summer enrichment and honors programs such as Governor's Scholars Program or summer programs specific to the career fields you are exploring. Ask about AP and *dual credit* courses.

Explore Kentucky's universities or colleges websites to apply for summer enrichment programs. See page 10-11 of this resource book.

March - April
Junior Year

Use a free scholarship search to find scholarships for which you might want to apply. Check your *Kentucky Educational Excellence Scholarship (KEES)* award.

Go to the *U.S. Department of Labor's free scholarship finder* at www.careeronestop.org or ask your school's Guidance Counselor

May
Junior Year

Think about lining up a summer job, internship or co-op. Consider shadowing a job in your field of interest. Narrow down the list of colleges you are considering attending.

Click on the *Find Training* tab of the www.careeronestop.org website and go to kheaaa.com site for more information about selecting a college

September - October
Senior Year

Complete and submit your *Free Application for Federal Student Aid (FAFSA)*. Set-up an email account with a **professional address** for use in communications with colleges and financial aid sources.

Start FAFSA application on October 1st at fafsa.gov

November - December
Senior Year

Apply to your "choice" colleges and apply for scholarships. Complete online admissions applications; write essays and have them proofed or reviewed. Ask about *dual credit* classes in the spring.

Check with your guidance counselor or online for scholarship resources. Send your official transcripts to your colleges. See page 8-9 for additional resources.

January - February
Senior Year

Review your *Student Aid Report (SAR)* for accuracy based on your FAFSA. Review college acceptance letters and compare financial aid offers.

Talk to your counselor and consult colleges websites. Check your email often for important information regarding college applications.

March - April
Senior Year

Visit colleges that have invited you to enroll. Decide about a school, notify that school your commitment and submit deposit. Many schools have a May 1 deadline. Sign up for early registration/orientation.

Confer with parents and counselors. Confirm your decision and decline other admission offers. Observe deadlines of award letters.

May
Senior Year

Establish a contact at the college you will be attending. Do one last check of your KEES award or any other award letters. Set up your online student account at the college you will be attending, and follow their social media pages and feeds.

Contact the college admissions counselor and check with the admissions office to be sure they have received your transcripts, *dual credit* transcript, and necessary paperwork.

Health Science Pathways and Sample Career Specialties

Updated September 2021



Pathways	Therapeutic Services	Diagnostic Services	Health Informatics	Support Services	Biotechnology Research and Development
<p>Sample Career Specialties</p> <p>Acupuncturist Anesthesiologist Assistant Art/Music/Dance Therapist(s) Athletic Trainer Audiologist Certified Nursing Assistant Certified Registered Nurse Anesthetist (CRNA) Chiropractor Dental Assistant Dental Hygienist Dental Lab Technician Dentist Dialysis Technician Dietitian/Nutritionist Dietetic Technician Dosimetrist Emergency Medical Technician Home Health Aide Kinesiotherapist Licensed Practical Nurse Massage Therapist Medical Assistant Mortician Nurse Practitioner Occupational Therapist Occupational Therapy Assistant Ophthalmic Technician Orientation & Mobility Specialist Orthotist/Prosthetist Paramedic Podiatrist Personal care aide Pharmacist Pharmacy Technician Physical Therapist Physical Therapy Assistant Physician (MD/DO) Physician Assistant Podiatrist Psychologist Psychiatrist Radiation Therapist Recreational Therapist Registered Nurse Rehabilitation Counselor Respiratory Therapist Social Worker Speech Language Pathologist Surgeon Surgical Technologist Veterinarian Veterinarian Technician Wellness Coach</p>	<p>Audiologist Blood Bank Technician Cardiovascular Technologist Clinical Laboratory Technician Computer Tomography (CT) Technologist Cytogenetic Technologist Cytotechnologists Diagnostic Medical Sonographer Electrocardiographic (ECG) Technician Neurodiagnostic Technologist Exercise Physiologist Genetic Counselor Histotechnician Histotechnician Histochemist Magnetic Resonance (MR) Technologist Mammographer Medical Technologist/ Clinical Laboratory Scientist Nuclear Medicine Technologist Nurse Practitioner Nutritionist/Dietitian Occupational Therapist Ophthalmic Technician/Technologist Ophthalmic Dispensing Optician Optometrist Phlebotomist Physical Therapist Polysomnographic Technologist Position Emission Tomography (PET) Technologist Radiologic Technician Respiratory Therapist</p>	<p>Admitting Clerk Applied Researcher Cancer Registrar Certified Compliance Technician Clinical Account Manager Clinical Account Technician Clinical Coder Clinical Data Miner Clinical Data Management Specialist Clinical Data Specialist Community Services Specialist Data Quality Manager Decision Support Analyst Epidemiologist Ethicist Health Educator Health Information Administrator Health Information Technician Health Information Services Healthcare Administrator Healthcare Finance Professional Information Privacy Officer Information Security Officer Managed Care Contract Analyst Medical Assistant Medical Illustrator Medical Information Technologist Medical Librarian Medical Records Technician Patient Account Manager Patient Account Technician Patient Advocate Patient Information Coordinator Project Manager Quality Management Specialist Quality Data Analyst Reimbursement Specialist Risk Manager Transcriptionist Unit Coordinator Utilization Manager Utilization Review Manager</p>	<p>Behavioral Disorder Counselor Biomedical/Clinical Engineer Biomedical/Clinical Technician Clinical Simulator Technician Central Service Manager Central Service Technician Community Health Worker Dietary Manager Dietary Aide Environmental Services Facilities Manager Healthcare Administrator Healthcare Economist Maintenance Engineer Industrial Hygienist/Interpreter Materials Manager Patient Navigator Telehealth Presenter Transport Technician Substance Abuse Counselor</p>	<p>Biochemist Bioinformatics Associate Bioinformatics Scientist Bioinformatics Specialist Biomedical Chemist Biomedical/Clinical Engineer Biomedical/Clinical Technician Biostatistician Cell Biologist Clinical Data Management Associate/Consultant Clinical Pharmacologist Clinical Trials Monitor Clinical Trials Research Associate Clinical Trials Research Coordinator Geneticist Laboratory Assistant-Genetics Laboratory Technician Medical Editor/Writer Molecular Biologist Microbiologist Pharmaceutical/Clinical Project Mgr Pharmaceutical Sales Representative Pharmaceutical Scientist Pharmacologist Product Safety Associate/Scientist Process Development Associate/Scientist Processing Technician Quality Assurance Technician Quality Control Technician Regulatory Affairs Specialist Research Assistant Research Scientist Toxicologist</p>	