

## PEPP SUMMER SEMINARS

Seminars and demonstrations provide opportunities for UK PEPP Scholars to interact with health professionals and patients. These experiences also provide an opportunity for the students to develop ideas and experience new concepts and points of view.

The program also explores ethical issues, encourages introspection, and welcomes spirited discourse. At every opportunity, the importance of compassion toward others is emphasized.

The University of Kentucky PEPP Summer Seminar Series includes presentations on the following topics:

-  Introduction/Tour of the UK Medical Center
-  Personal Safety and Self Defense
-  Relationships and Responsibility
-  Dental Admissions/UK College of Dentistry
-  Introduction/Tour of the UK College of Dentistry
-  Genetic Diseases, Birth Defects, Congenital Abnormalities
-  Medical School Admissions/UK College of Medicine
-  Alcoholism and Drug Addiction
-  Gross Anatomy Lecture/Tour of the UK Gross Anatomy (cadaver) Lab
-  Therapeutic Massage/Relaxation/Stress Management  
(lecture, demonstration, group participation)
-  Cancer/Presentation by Three Cancer Survivors
-  Geriatric Medicine/Concerns of the Elderly
-  Rural Practice/Primary Care/Family Practice
-  Psychiatry, Mental Illness, Therapies
-  Hypnosis/Hypnotherapy (lecture, demonstration)
-  Autopsy/Pathology/Gunshot Wounds/Trauma (slides and lecture)
-  Kidney Transplants/Organ Transplants
-  Labor and Delivery/Childbirth
-  Surgery/UK Hospital Operating Room
-  Ethics
-  Oral and Maxillofacial Surgery
-  Compassion/Medical Mission Trips



PEPP is sponsored by the Kentucky Council on Postsecondary Education and Administered by the University of Kentucky, the University of Louisville, and the Pikeville College School of Osteopathic Medicine.

## ELIGIBILITY

Students who wish to participate in PEPP at the University of Kentucky should apply for the program during January or February of their senior year in high school. Those selected will participate in UK PEPP during the summer following graduation from high school. Students from one of the geographic areas listed below are eligible to participate in PEPP. Preference is given to students who have demonstrated a serious interest in becoming a physician or dentist. It does not matter where a student is planning to attend college. Students from the following counties are eligible to apply for PEPP.

Adair	Clark	Henry	Magoffin	Powell
Allen	Clay	Hickman	Marion	Robertson
Anderson	Crittenden	Jackson	Martin	Rockcastle
Ballard	Cumberland	Johnson	McCreary	Shelby
Barren	Edmonson	Knott	McLean	Simpson
Bath	Elliott	Knox	Meade	Spencer
Bell	Estill	Larue	Menifee	Todd
Boyd	Fleming	Laurel	Metcalfe	Trigg
Bracken	Floyd	Lawrence	Monroe	Trimble
Breathitt	Gallatin	Lee	Morgan	Union
Breckinridge	Garrard	Leslie	Muhlenberg	Warren
Bullitt	Grant	Letcher	Nicholas	Washington
Butler	Grayson	Lewis	Ohio	Wayne
Campbell	Green	Lincoln	Owen	Webster
Carlisle	Greenup	Livingston	Owsley	Whitley
Carroll	Hancock	Logan	Pendelton	Wolfe
Carter	Harlan	Lyon	Perry	
Casey	Hart	Madison	Pike	

Students who reside in Louisville in the area north of Algonquin Parkway and west of Seventh Street and in Lexington between Loudon Avenue and Forbes Road are also eligible to apply.

## FOR MORE INFORMATION CONTACT



UNIVERSITY OF KENTUCKY

### PEPP Scholars

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# PEPP Scholars



**University of Kentucky**  
**Professional Education Preparation Program**  
**Summer Program for Students**  
**Interested in Medicine or Dentistry**

## PEPP OVERVIEW

The University of Kentucky Professional Education Preparation Program (PEPP) administers a residential Summer Program and provides supportive services throughout the academic year to students who reside within the under-served counties of the Commonwealth of Kentucky and who wish to pursue a career in Medicine or Dentistry. Designated rural counties and two urban areas are included on the list of PEPP-eligible geographic areas.

PEPP provides a unique educational opportunity for students who are preparing to enter college in a pre-medical or pre-dental curriculum.

The program assists and supports all interested participants from PEPP counties during their pre-health professional baccalaureate programs through their candidacy, application, interviews, and admission to medical or dental school.

The UK PEPP summer program provides academic enrichment in chemistry and biology, as well as clinical experiences, medical and dental experiential activities, laboratory experiences, seminars, demonstrations, and clinical site visits. In addition, year-round counseling, advising, guidance, and encouragement are always provided.

Dormitory life at PEPP is an extraordinarily wonderful experience, filled with fun and friendship. At UK, PEPP students share dormitory life with other science-oriented summer enrichment programs. Friends and family are always welcome to visit, and participants can bring a car with them, if they wish. Dormitory rooms and a stipend for meals are provided for all participants. Except as noted in the PEPP application, the program is free.

## ACADEMIC ENRICHMENT

Enrichment classes in biology and chemistry are an important part of the PEPP experience. These classes are taught in a college format and provide a strong foundation for the science-based curriculum that pre-medical and pre-dental students will encounter in college.



### Chemistry

The PEPP chemistry lectures are conducted under the supervision of the chemistry instructor, Dr. Frank Wiseman. He is a professor and Chairman of the Chemistry Department at Georgetown College. Dr. Wiseman is widely recognized as an extraordinary and motivational teacher.



### Biology

The PEPP biology course is taught by Dr. Pat Calie, who is a professor at Eastern Kentucky University. He is an outstanding and caring teacher who also gives the students a “crash course” on academic survival skills for college.

## CLINICAL EXPERIENCES IN MEDICINE

Hospital rotations and clinical activities are among the most educational and motivational experiences of the UK PEPP Summer Program. These experiences are provided for PEPP students through the cooperation of the University of Kentucky Chandler Medical Center. Included are rotations at the University of Kentucky Medical Center Operating Room and Labor and Delivery departments.



### Operating Room Rotations

PEPP Scholars are able to dress in surgical scrub suits and join the surgical team at the UK Medical Center to view surgery, with observational experiences ranging from amputations to coronary bypass surgery to neurosurgery. PEPP students are able to stand right at the surgery table, and procedures are explained in detail by the surgeons and surgical team. Students are able to select the surgeries they would like to observe from the morning's roster of scheduled procedures.

### Labor and Delivery Rotations

All PEPP Scholars are able to partake in numerous rotations in the UK Birthing Center, staying with the patients through their labor and observing the births of the infants. PEPP students are also able to accompany the laboring women to the Operating Room for a Cesarean Section when circumstances of the patient's labor necessitate this procedure.

PEPP students have observed the births of many babies, including many multiple births, which are not uncommon at the UK Medical Center. After spending time with the mothers during their labor, PEPP students usually find that the deliveries are very emotional and motivational experiences.

Students are also frequently invited into the Neonatal Nursery where the newborn babies are evaluated and cared for immediately after the birth.



## CLINICAL EXPERIENCES IN DENTISTRY



Dental experiential activities provide an introduction to the dental profession and include hands on experiences in the clinics of the UK College of Dentistry.

Students learn about dental technology and equipment, career opportunities, and practice specialties such as orthodontics, pediatric dentistry, endodontics, periodontics, and oral surgery.

In addition, students have the opportunity to make dental impressions, perform waxing and carving activities, and learn about the use of dental instruments.

## CLINICAL SITE VISITS

Clinical site visits are also an important part of the PEPP experience and include:



### Eastern State Hospital (psychiatric medicine)

Students give a party on the wards (both locked and unlocked wards are included) with the patients. Most of the patients have been diagnosed with schizophrenia, paranoia, bipolar disorder, or Alzheimer's Disease.



### Shriners Hospital for Children (pediatric/orthopedic medicine)

These visits include activities with the children who are patients at Shriners Hospital. Past activities have included “beach parties,” cookouts, scavenger hunts, and sleepovers. The patients are truly an inspiration.



### Nursing Homes (geriatric and rehabilitation medicine)

Visits to area nursing homes include an afternoon of bingo. PEPP students visit with a wide range of patients, including some with Alzheimer's Disease, some with brain injuries, and most in wheelchairs.



### Special Needs Camps (children with disabilities)

Visits are made to two special needs camps. This is always a powerful and extraordinary experience. The day's activities include wheelchair games, swimming pool activities, and helping to feed the children their snacks and meals. The happiness and appreciation of the children for the attention and kindness offered by our students makes each day a joyful and rewarding one for all.