### Overview

The UC Cancer Institute is one of four institutes formed as a partnership between the UC College of Medicine and UC Health. Under the direction of William Barrett, MD, the UC Cancer Institute is entering a new era of growth and development, rapidly increasing its research and patient care capacities so that it may lead not only deliver comprehensive patient care to people in the community, but also enhance its academic and scientific endeavors.

A research-based but patient-care-oriented program, the UC Cancer Institute encompasses scientists and physicians from diverse disciplines and medical specialties within the UC Academic Health Center. Multidisciplinary, disease-based teams provide science-driven oncology care unmatched in our region.

The UC Cancer Institute has attracted experts who are conducting research of international importance, including Elwood Jensen, PhD, who showed that analysis of estrogen receptors in tumor tissue can identify breast cancer patients who will benefit from hormonal therapy, allowing others to be placed directly on chemotherapy without first undergoing treatment that will not help them.

Besides its local collaborations, the UC Cancer Institute is linked to research nationwide through its involvement in several cancer-oriented scientific organizations, including the Southwest Oncology Group (SWOG), American College of Surgeons Oncology Group (ACOSOG), Radiation Treatment Oncology Group (RTOG), Gynecologic Oncology Group (GOG) and National Adjuvant Breast Demonstration Project (NSABP).

### Facilities

The UC Cancer Institute consists of research-based and patient-care-based facilities. Research-based facilities are located throughout the greater Cincinnati area. They include:

- **The UC Health Barrett Cancer Center**
  The cornerstone of the UC Cancer Institute and the region’s major cancer treatment. The UC Health Barrett Center treatment facility has a long-standing reputation for providing the most advanced and complete range of cancer services available in the region. The facility offers screening, diagnosis and treatment for all types of cancer at one central, convenient location.

- **UC’s Vontz Center for Molecular Studies**

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[http://healthnews.uc.edu/news/?/2671/](http://healthnews.uc.edu/news/?/2671/)
Researchers at the Vontz Center focus on the discovery and understanding of the underlying genetic and molecular mechanisms that contribute to the development and progression of diseases such as cancer, brain and nervous system disorders, diabetes and obesity. The Vontz Center is home to many core facilities for researchers at the UC Medical Center.

- **Cincinnati Children’s Hospital Medical Center**
  The Cincinnati Children’s Hospital Research Foundation, founded in 1931, is one of the most outstanding pediatric research institutions in the nation. The Cincinnati Children’s Hospital Research scientists have been responsible for such breakthrough discoveries as the Sabin oral polio vaccine, the first practical heart-lung machine that made open heart surgery possible, and discovery of key ingredients of the surfactant preparation used throughout the world to save the lives of thousands of infants each year.

- **Cincinnati VA Medical Center**
  The Cincinnati VA Medical Center (CVAMC ) has been closely affiliated with the University of Cincinnati College of Medicine and University Health Care Center since the VA's opening in 1955. The Cincinnati VA has been and remains a major partner in medical education. They support clinical rotations for medical students, residents, fellows, student nurses, in addition to many other health career trainees. Most of the clinical staff have appointments at the University of Cincinnati within the Colleges of Medicine, Nursing, and within other Colleges of the University. The CVAMC is part of Veterans Affairs VISN 10's health provider network. They are a member of the Southwest Oncology Study Group. This provides the Cincinnati VA the opportunity to bridge with cancer experts from around the United States as well as to support clinical investigational treatment protocols which are designed to answer significant questions relative to better ways to treat neoplastic diseases. The Cincinnati VA is supported by multiple pharmaceutical firms which enable us to clinically test newer drugs and different combinations of drugs for their effectiveness against selected hematological and oncological diseases. The Section is also supported by grants from the NIH and VA permitting us to study the biology of selected hematological diseases.

- **UC Health**
  UC Health staff and physicians offer a multidisciplinary approach to the prevention, diagnosis and treatment of cancer including everything from clinical trials to cancer information to support groups.

- **Hoxworth Blood Center**
  Hoxworth Blood Center at the University of Cincinnati Academic Health Center, is the only blood center for the greater Cincinnati area. Serving a 15-county area in Ohio, Kentucky and Indiana, Hoxworth collects, tests, processes and distributes blood and blood components to 27 hospitals and medical centers.

- **UC Academic Health Center**
  The University of Cincinnati is one of America's leading academic health centers. Excellence in education, patient care, and research draws students, researchers, physicians and patients from all over the world to take advantage of many unique opportunities. Students and faculty at UC create and learn in an exciting and supportive environment on the cutting edge of biomedical science.

**Early Stage Drug Development Program**

The UC Early Stage Drug Development Program is a phase-1 clinical trial unit based at the UC Barrett Cancer Institute at UC Medical Center and the UC College of Medicine. Led by John Morris, MD, PhD, the center offers discovery-driven new cancer treatment options only available in an experimental (phase-1) clinical trial setting.

Phase-1 clinical research trials are the first step in moving tested scientific concepts from the laboratory bench to bedside. Phase-1 trials are intended to evaluate safe dosages, method of administration (oral or injection) and frequency. Trials typically include less than 50 people and therapy is administered in a hospital setting where the patient can be monitored 24/7 by the attending physicians and support staff.

Trials are available for patients with advanced, solid cancerous tumors that have failed standard medical therapies. Protocols are evaluated by the Internal Review Board for scientific content, safety and ethical considerations prior to implementation and throughout the trial’s conclusion.

**'Win by Quitting’ Smoking Cessation Program**

The pharmacist-assisted Win by Quitting smoking cessation clinic offers an individualized, 12-week program to help smokers snuff out the habit for good. Appointments are available on Mondays and Thursdays at the Barrett Center, located at 234 Goodman St. To schedule an appointment or for more information, call 513-584-QUIT (7848). Appointments are free.
to all individuals. The program is supported by UC and UC Medical Center.

Centers and Services:

- Bone Metastases Service
- Brain Tumor Center
- Breast Cancer Center
- Gastrointestinal Cancer Center
- Genitourinary Cancer Center
- Gynecologic Oncology Center
- Head and Neck Cancer Center
- Hematologic Malignancies Center
- Lung Cancer Center
- Ocular Oncology Center
- Oncofertility Service
- Palliative Care
- Proton Therapy
- Sarcoma Center
- Skin Cancer Center
- Survivorship Program

By the Numbers:

- 233 UC College of Medicine faculty members
- 16 Centers and Special Services
- 146 clinicians
- 87 basic (laboratory) scientists
- 16 UC College of Medicine
- 16 UC College of Medicine departments represented
- 34 cancers treated
- More than 80 active clinical trials
- More than $4 million raised in FY15 for the institute, supporting new research, education and patient care programs
- Awarded more than $682,000 in research pilot grants in FY16
- More than 50 annual appearances at community events, educational talks and patient symposia