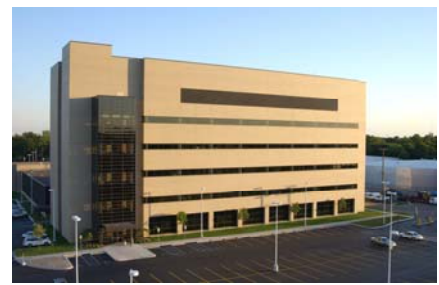




Beaumont Health System Research Institute 2011



Beaumont Health System, with three hospitals in the northern Detroit suburbs serving southern Michigan and beyond, is a highly productive contributor to clinical trials across the nation. The Beaumont Research Institute (RI), established by the hospital's Board of Trustees in 1966, strengthens Beaumont's ability to conduct medical research and to provide a research training experience for the medical staff and participants in graduate medical education programs.

Beaumont is a major teaching facility, with 37 accredited residency and fellowship programs involving 423 residents and fellows, and 206 research staff, including 68 research nurses.

External sources of research funding

(based on 2010 data)

- ◆ Commercial sponsors 38 %
- ◆ Federal sponsors 16 %
- ◆ Philanthropic sponsors 12 %
- ◆ Intellectual Property 34 %

Types of research at Beaumont Health System

(based on 2010 percentage of revenue)

- ◆ Clinical Research 57 %
 - 14 % Phase I
 - 26 % Phase II Phase based
 - 59 % Phase III on HIC submission
 - 1 % Phase IV
- ◆ Pre-clinical/ Research 43 %

External sources of research funding by Research Service Line

(based on 2010 data)

- ◆ **Surgical Services** 57 %
 - Anesthesia 2 %
 - Orthopaedics 5 %
 - Radiation Oncology 36 %
 - Surgical Clinical Trials & Lab 5 %
 - Urology 9 %
- ◆ **Medical Services and Other** 43 %
 - Beaumont Coordinating Ctr. 10 %
 - Cardiology 10 %
 - Hematology/Oncology 14 %
 - Nutrition & Preventive Med 2 %
 - OB/GYN 2 %
 - Other Programs 5 %

Clinical Trials/Subjects

- ◆ 944 Trials
- ◆ 81,000 registered patient subjects

Educational opportunities for research staff

- ◆ 2-day orientation for new research staff
- ◆ On-line CITI human subjects protection training program
- ◆ Prep courses for clinical research certification exams (SOCRA, ACRP)
- ◆ Tuition reimbursement for clinical research certification exams
- ◆ Seminar Series and Workshops
- ◆ Residents' / Fellows' Research Forum
- ◆ Biostatistics course
- ◆ Online guidance/modules regarding initiating research

Facility space dedicated to research

- ◆ Research Institute Building
- ◆ Beaumont Health Center
- ◆ Cancer Center
- ◆ Imaging Center
- ◆ Royal Oak Hospital
- ◆ Royal Oak Medical Office Building
- ◆ Technical Service Building
- ◆ Troy Hospital
- ◆ Other offsite

Support staff available to researchers

- ◆ Accounting / Administrative
- ◆ Beaumont Research Coordinating Center
- ◆ BioBank/Erb Family Core Molecular Laboratory
- ◆ Biosafety Committee
- ◆ Biostatisticians
- ◆ Compliance
- ◆ Database Development
- ◆ Education
- ◆ Federal Grant Development
- ◆ Human Resources
- ◆ Institutional Review Board (IRB)

The scope of support for the Research Institute

Beaumont Health System:

- ◆ More than 218,371 Emergency Center visits, 96,199 Inpatient admissions
- ◆ Beaumont, Royal Oak is first in the U.S. for admissions among all hospitals
- ◆ Beaumont, Royal Oak is second in the U.S. for total surgeries among all hospitals
- ◆ 70 surgical suites
- ◆ A 128-slice CT scanner
- ◆ PET-CT and biotracer

- ◆ Human Research Protection Program fully accredited by AAHRPP
- ◆ Automated, robotic clinical laboratories
- ◆ Internationally recognized and respected principal investigators
- ◆ National Cancer Institute / Community Clinical Oncology Program (CCOP)
- ◆ Fully equipped bench laboratories
- ◆ State of the art Biobank & Core Molecular Lab
- ◆ Beaumont Research Coordinating Center for Multicenter Clinical Trials

External