UC Research Firsts

- The first antihistamine, Benadryl, was invented by George Rieveschl, a UC graduate and researcher.
- The first oral polio vaccine was developed by Albert Sabin, a UC researcher.
- UC scientists developed the first safe anti-knock gasoline.

Continuing to contribute innovative ideas impacting science, medicine, business, education, engineering and the arts, UC researchers are literally transforming the way we live, work and learn.

President
Nancy Zimpher, PhD

Vice President for Research
Sandra Degen, PhD

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UC’s Ohio Eminent Scholars

The Ohio Board of Regents recognizes outstanding university faculty with Ohio Eminent Scholar funding. Ten UC faculty have been named Eminent Scholars. In 2007, Ohio awarded two additional positions and UC received both appointments. Faculty in nanosensors and advanced power systems will be recruited.

John Dedman, PhD
Cancer and Cell Biology (Medicine)

Effie Gutmark, PhD, DSc
Aerospace Engineering (Engineering)

Andrew Herr, PhD
Molecular Genetics (Medicine)

Jay Lee, DSc Mechanical, Industrial and Nuclear Engineering (Engineering)

Patrick Limbach, PhD
Chemistry (Arts and Sciences)

Michael Magazine, PhD Quantitative Analysis and Operations Management (Business)

John Monaco, PhD
Molecular Genetics (Medicine)

Masato Nakafuku, MD, PhD
Pediatrics (Medicine)

Andrew Steckl, PhD
Electrical and Computer Engineering (Engineering)

James Tocco Keyboard Studies Division
(College-Conservatory of Music)

Technology Transfer

Invention Disclosures
2008..............115
2007..............111
2006..............116
2005..............89

Start-Up Activity
2008..............2
2007..............1
2006..............2
2005..............1

Patent Applications
2008.............43
2007.............56
2006.............73
2005.............60

Patent Applications
2008.............43
2007.............56
2006.............73
2005.............60

Royalty Income
2008......$582,697
2007......$582,057
2006......$741,995
2005......$967,546

Undergraduate Research

- Over 200 students participated in summer undergraduate research programs in 2008

Faculty Support and Development

- The Office of Research’s University Research Council awarded $729,000 in grants in 2007-08
In just 10 years, UC has more than doubled its research enterprise.

83% ($179 million) of UC’s 2008 research dollars come from federal funding sources.

**FY 2008 Awards by Funding Source**

- **Federal** $179,111,918
- **Other, Nonprofit** $6,662,119

The largest percentage of federal funding (49%) is from the National Institutes of Health (NIH).

**NIH Funding by Agency**

- Heart, Lung, & Blood $17,163,799
- Diabetes, Digestive & Kidney $13,955,132
- Environmental Health $13,422,992
- Neurological & Stroke $11,677,715
- Allergy & Infectious Diseases $11,119,625
- Cancer $9,008,544
- Mental Health $6,849,278
- Drug Abuse $4,104,626
- Eye $4,000,533
- General Medical Sciences $3,314,188

**Rankings**

- Ranked 28th among public universities for federal research expenditures by the National Science Foundation
- Classified as a “very high” research activity university by the Carnegie Commission

**Sponsored Programs Awards by Unit**

- Academic IT & Libraries $440,000
- Academic Planning $1,448,344
- Allied Health Sciences $1,171,121
- Applied Science $852,019
- Arts and Sciences $11,078,591
- Business $818,745
- Clermont $979,435
- DAAP $997,076
- Educ, Justice, & Human Serv $11,429,319
- Engineering $30,536,706
- Graduate School $22,720
- Hoxworth Blood Center $1,882,292
- Inst for the Study of Health $793,269
- Medicine $123,932,094
- Nursing $890,140
- Pharmacy $1,622,240
- Raymond Walters $240,729
- School of Social Work $385,058
- Student Affairs $24,204,613
- VP for Finance $15,178
- VP for Research $895,450
- **Total** $214,635,140

**10-Year Research Funding**

- **Total awarded amount to UC and affiliates.**
- 2008: $353,029,246
- 2007: $333,502,261
- 2006: $332,655,266
- 2005: $332,298,402
- 2004: $319,624,151
- 2003: $310,483,057
- 2002: $260,890,739
- 2001: $230,354,172
- 2000: $193,686,549
- 1999: $172,588,905

**10-Year Research Funding**

- Dollars in millions
- **Children–Cincinnati, UC Physicians clinical trials**
- **Veterans Affairs Medical Center, Shriners Hospitals for Children–Cincinnati, UC Physicians clinical trials**

*Affiliates include: Cincinnati Children’s Hospital Medical Center, Cincinnati Department of Veterans Affairs Medical Center, Shriners Hospitals for Children–Cincinnati, UC Physicians clinical trials.