

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.

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UC's Ohio Eminent Scholars

The Ohio Board of Regents recognizes outstanding university faculty with Ohio Eminent Scholar funding. Eleven UC faculty have been named Eminent Scholars. An additional scholar in nanosensors is being recruited.

John Dedman, PhD

Cancer and Cell Biology (Medicine)

Effie Gutmark, PhD, DSc

Aerospace Engineering (Engineering and Applied Science)

Andrew Herr, PhD

Molecular Genetics (Medicine)

Jay Lee, DSc Mechanical, Industrial and

Nuclear Engineering (Engineering and Applied Science)

Patrick Limbach, PhD

Chemistry (Arts and Sciences)

G. R. Liu, PhD

Aerospace Engineering (Engineering and Applied Science)

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 and Applied Science)

James Tocco Keyboard Studies Division

(College-Conservatory of Music)

Technology Transfer

| Invention Disclosures | Patent Applications |
|-----------------------|---------------------|
| 2010.....82 | 2010.....50 |
| 2009.....113 | 2009.....64 |
| 2008.....115 | 2008.....43 |
| 2007.....111 | 2007.....56 |
| Start-Up Activity | Patents Issued |
| 2010.....7 | 2010.....16 |
| 2009.....3 | 2009.....7 |
| 2008.....2 | 2008.....8 |
| 2007.....1 | 2007.....13 |

Royalty Income

| |
|--------------------|
| 2010.....\$480,602 |
| 2009.....\$844,470 |
| 2008.....\$582,697 |
| 2007.....\$582,057 |

Undergraduate Research

- Nearly 250 students participated in summer undergraduate research programs in 2010

Faculty Support and Development

- The Office of Research's University Research Council awarded more than \$670,000 in grants in 2009-10

UNIVERSITY OF
Cincinnati

UC RESEARCH

FY 2010

fast facts

UC and its affiliates* generated \$443 million in research funding in 2010.

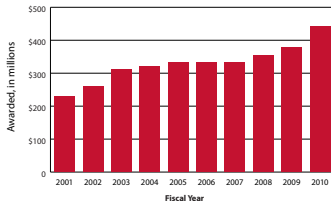
*see * inside*

In just 10 years, UC has nearly doubled its research enterprise.

10-Year Research Funding*

*Total awarded amount to UC and affiliates.

| | |
|------|---------------|
| 2010 | \$443,034,127 |
| 2009 | \$377,865,075 |
| 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 |



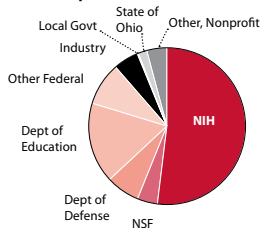
* Affiliates include: Cincinnati Children's Hospital Medical Center, Cincinnati Department of Veterans Affairs Medical Center, Shriners Hospitals for Children-Cincinnati, and University of Cincinnati Physicians clinical trials

89% (\$252 million) of UC's 2010 research dollars come from federal funding sources.

FY 2010 Awards by Funding Source*

*Not including affiliates—based on a total of \$284,820,135.

| | | |
|---------------------------------|---------------------------|---------------|
| Federal | \$252,426,048 ... | 88.63% |
| ■ NIH | \$148,745,716 | 52.22% |
| ■ NSF | \$11,302,329 | 3.97% |
| ■ Dept. of Defense | \$19,627,137 | 6.89% |
| ■ Dept. of Education | \$48,053,574 | 16.87% |
| ■ Other Federal | \$24,697,292 | 8.67% |
| ■ Industry | \$15,233,890 | 5.35% |
| ■ Local Government | \$500,040 | 0.18% |
| ■ State of Ohio | \$5,423,164 | 1.90% |
| ■ Other, Nonprofit | \$11,236,993 | 3.95% |



The largest percentage of federal funding (52%) is from the National Institutes of Health (NIH).

NIH Funding by Agency*

*Top 10 sources. Number does not include affiliates. Agency names shortened.

| | |
|---------------------------------------|--------------|
| Neurological & Stroke | \$23,919,955 |
| Research Resources | \$21,026,010 |
| Environmental Health | \$18,263,412 |
| Heart, Lung & Blood | \$17,301,740 |
| Diabetes, Digestive & Kidney | \$16,892,332 |
| Allergy and Infectious Diseases | \$9,892,440 |
| Cancer | \$8,865,880 |
| Mental Health | \$7,756,017 |
| Drug Abuse | \$5,765,780 |
| General Medical Sciences | \$5,183,693 |

Rankings

- Ranked 25th 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*

*Not including affiliates—total includes research and instruction. Unit names shortened.

| | |
|-----------------------------------|----------------------|
| Academic Planning | \$1,291,186 |
| Allied Health Sciences | \$3,078,008 |
| Applied Science | \$20,632 |
| Arts and Sciences | \$9,664,854 |
| Business | \$108,132 |
| Clermont | \$1,955,497 |
| Ctr for Cont Prof Dev | \$65,590 |
| DAAP | \$476,785 |
| Edu, Justice, & Human Serv | \$12,738,921 |
| Engineering | \$27,614,009 |
| Faculty Development | \$7,175 |
| Graduate School | \$231,541 |
| Hoxworth Blood Center | \$1,150,118 |
| Medicine | \$169,447,609 |
| Nursing | \$1,503,659 |
| Pharmacy | \$3,601,766 |
| Raymond Walters | \$220,699 |
| School of Social Work | \$318,147 |
| Student Affairs | \$40,392,563 |
| UC Library | \$470,595 |
| Vice President for Research | \$10,462,649 |
| Total | \$284,820,135 |