



VCU's Research Enterprise

STRUCTURE AND RESOURCES

23 October 2008

**Francis L. Macrina
Vice President for Research**

Why Research Matters

Scholarship is "part of the deal" at a research university

Enhances the reputation of the university allowing recruitment of the best students and faculty

Stimulates teaching and learning

Inspires the confidence of the public in the quality of the knowledge being created

Promotes the support of the community (philanthropy)

Contributes to university growth

- training and research space

- research enterprise enhances predoctoral and postdoctoral training

Is an economic driver

- creates new businesses

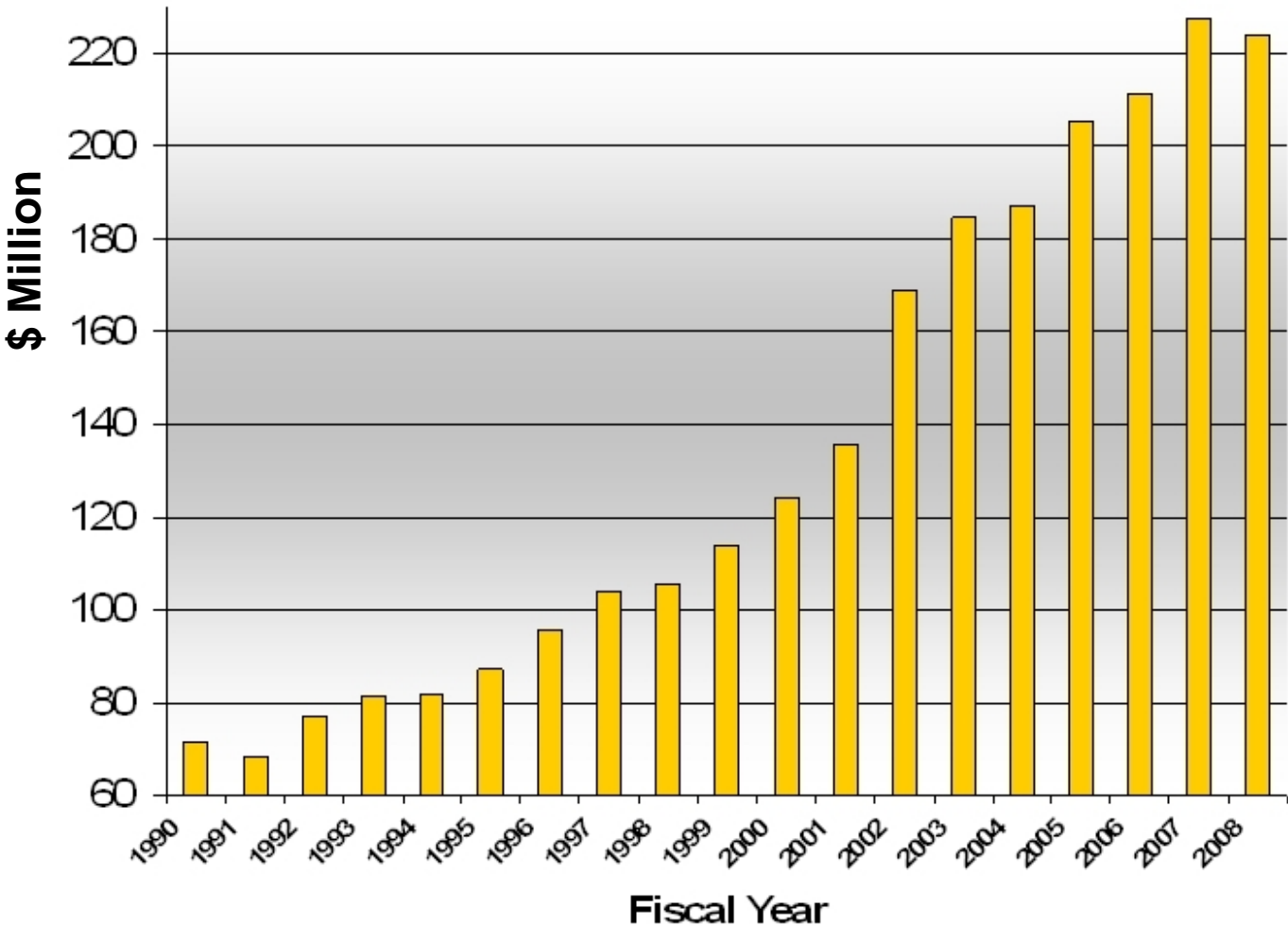
- creates new jobs

- attracts new businesses

**Virginia Commonwealth University
Sponsored Program Funding**

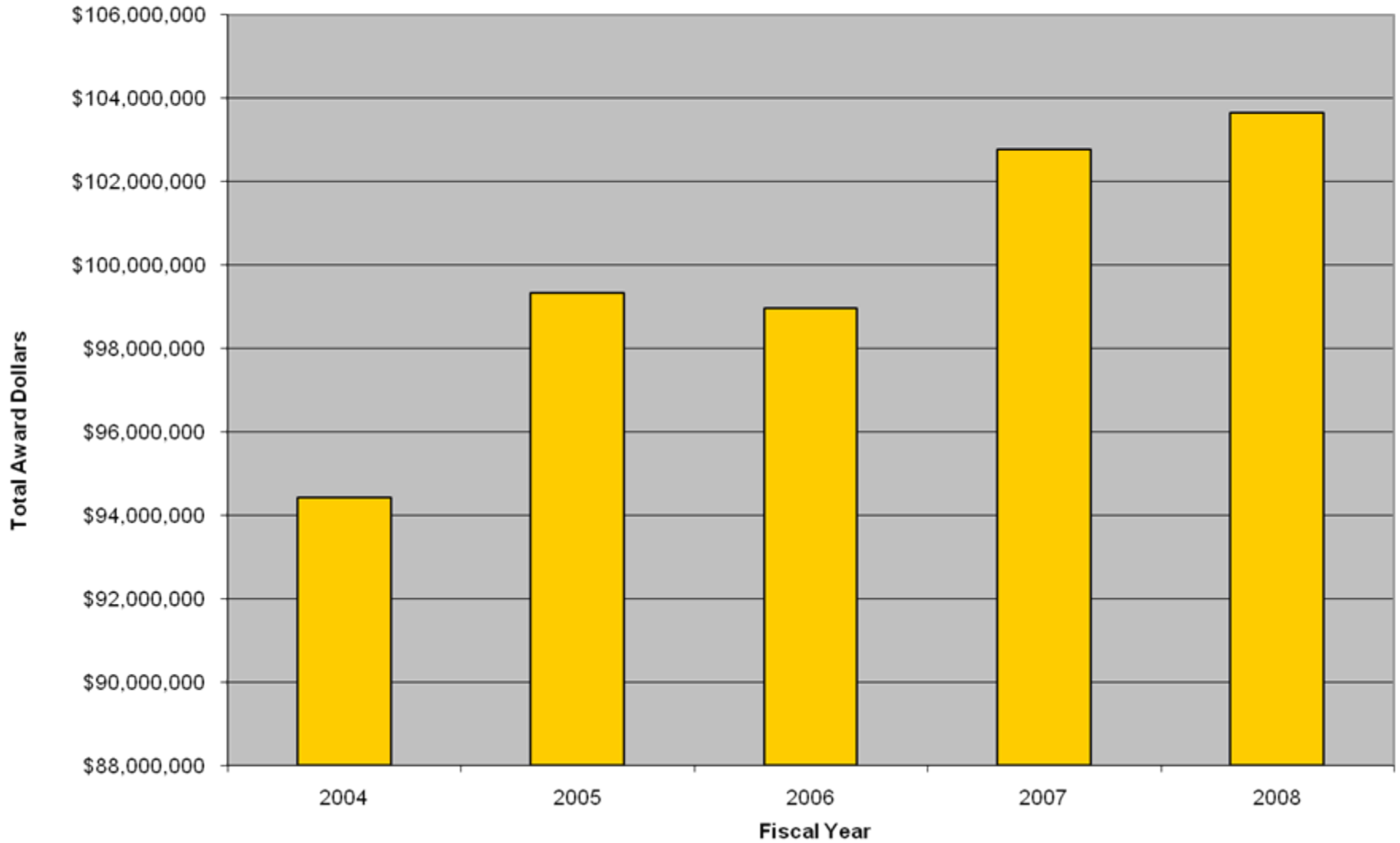
VCU Sponsored Programs Awards

FY	Spons. Programs
1990	\$71,343,550
1991	\$68,477,435
1992	\$77,136,304
1993	\$81,653,444
1994	\$81,917,962
1995	\$87,665,510
1996	\$95,715,048
1997	\$103,766,148
1998	\$105,443,183
1999	\$113,982,060
2000	\$124,351,633
2001	\$135,893,748
2002	\$168,844,099
2003	\$184,717,534
2004	\$187,409,535
2005	\$205,432,559
2006	\$211,119,180
2007	\$227,153,887
2008	\$222,696,722

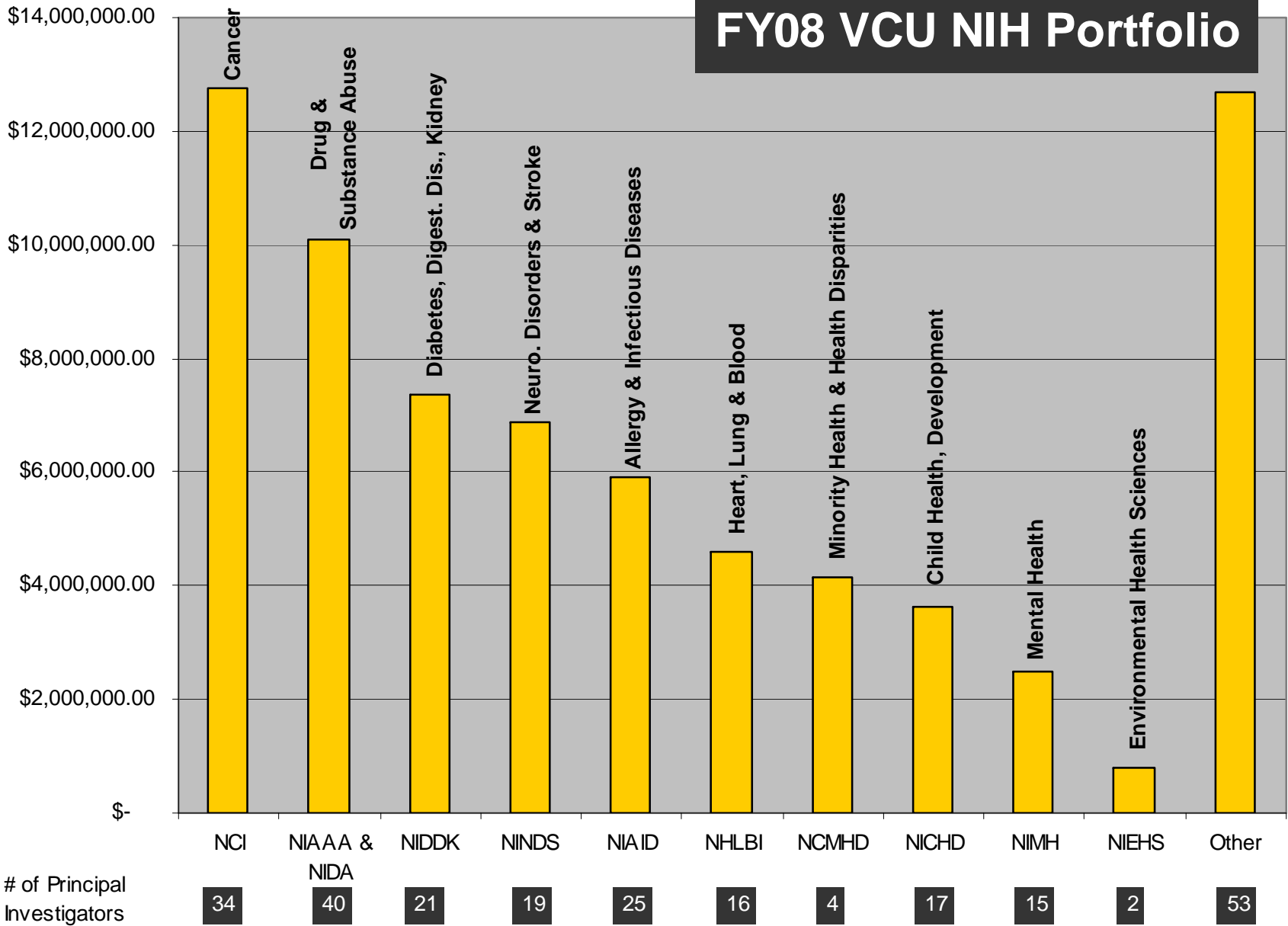


% growth from 1990	1995	2000	2008
	23%	74%	212%

School of Medicine Award Dollars (2004-2008)

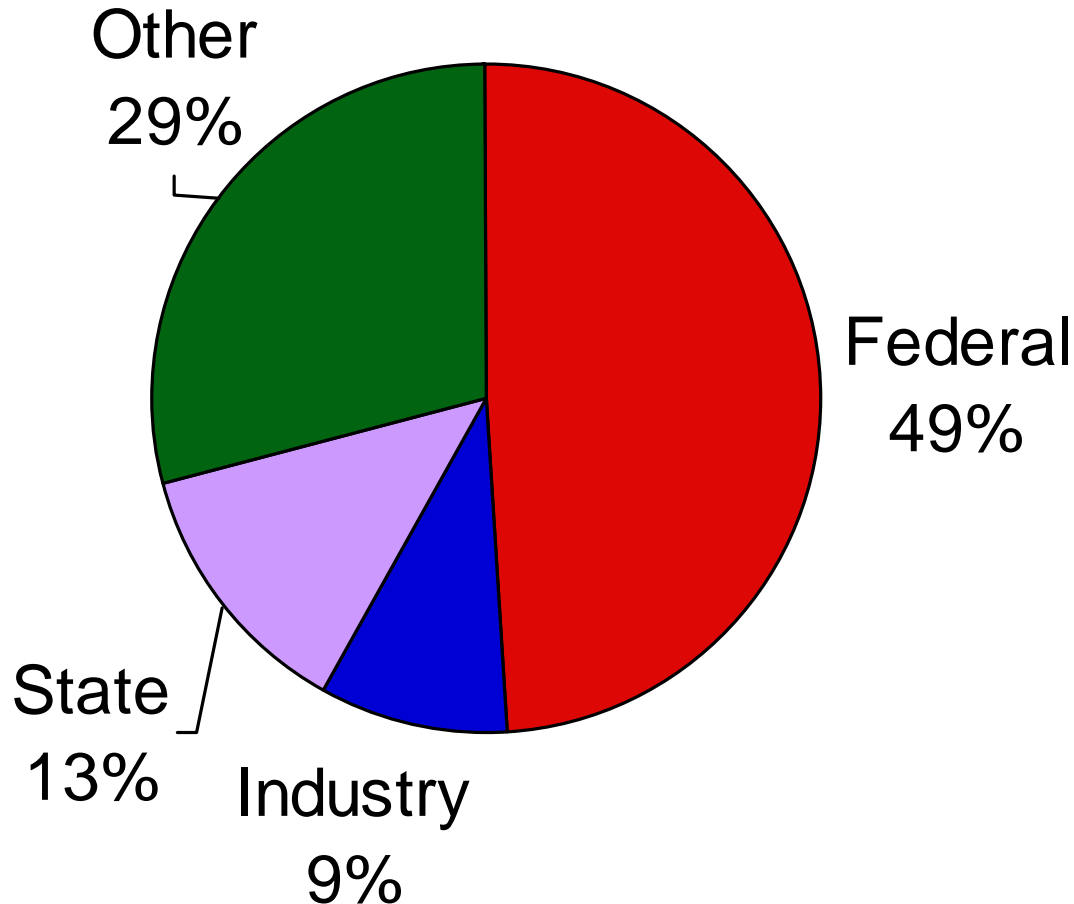


FY08 VCU NIH Portfolio



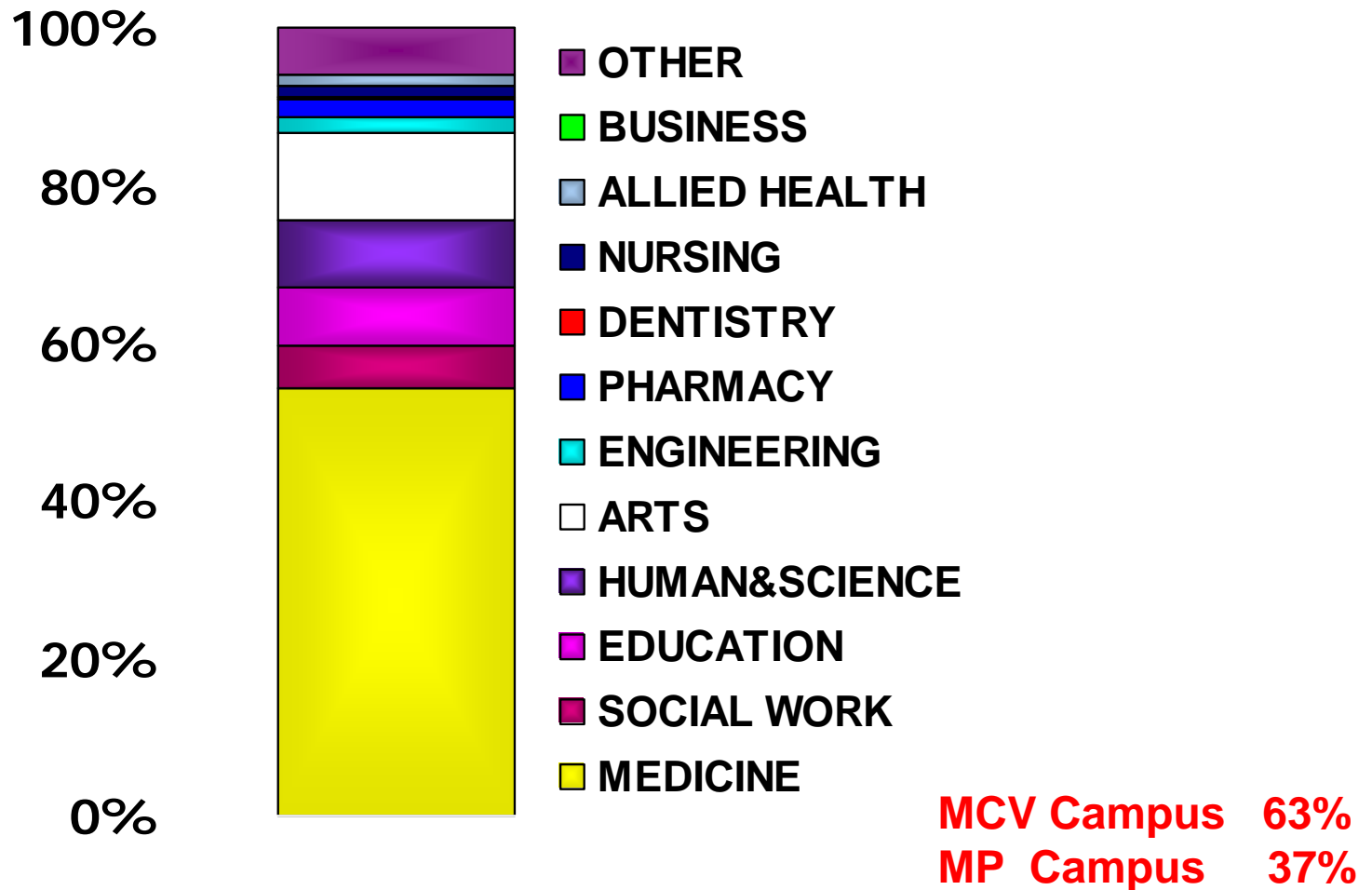
Total FY 08 NIH Funding: \$71,337,959

VCU Awards by Source



- Federal funding agency examples**
- Department of Agriculture
 - Department of Defense
 - Department of Education
 - Department of Energy
 - Department of Health & Human Services
 - Department of Justice
 - Department of Labor
 - Department of the Interior
 - Environmental Protection Agency
 - Federal
 - Federal Laboratory
 - National Aeronautics & Space Agency
 - National Endowment Commission
 - NIH
 - NSF
 - National Institutes of Health
 - National Science Foundation
 - Social Security Administration

Sponsored Programs Awards by School



Quick Links:

Search Office of Research

VCU Research

Virginia Commonwealth University
Office of the Vice President for Research

Vice President for Research

Our Offices

Proposal Submissions

Intellectual Property

Human Research Protection

Animal Research

Centers and Institutes

Research
Subjects
Protection

Sponsored
Programs

Technology
Transfer

Vice President
for Research

Education and
Compliance

Animal
Resources

Research Highlights

Research Resources

VCUeRA

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**SPRING ISSUE OF
ONLINE RESEARCH
MAGAZINE**

**VCU TASK FORCE ON
CORPORATE SPONSORED
RESEARCH**

**NEW REQUIREMENT
FOR CITI
REFRESHER COURSE**

<http://www.research.vcu.edu>

VP for Research	Sponsored Programs	Technology Transfer	Research Subjects Protection	Education and Compliance	Animal Resources
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Resources



Office of Research > Resources for Researchers
GENIUS: Faculty Expertise Database
Funding Opportunities
Grant Proposal Development
Award Databases
Proposal and Award Management
Human and Animal Subject Protection
Responsible Conduct of Research
Mentoring
Clinical Trials Protocol Registration
NIH Public Access Policy
Understanding InfoED
Postdoctoral Resources
VCU Research Compliance Matrix

Resources for Researchers

The Office of the Vice President for Research works in cooperation with Schools and Departments to support faculty seeking to obtain external funding. The menu on the left provides links to resources that can assist researchers in finding funding, preparing proposals and carrying out their research projects.

Responsibilities



VCU Office of Research Initiatives 2006-2008

- Office of Postdoctoral Services
- Responsible Conduct of Research Education
- Proposal Writing Workshop Program
- Undergraduate Research Initiative
- Protocol and Proposal Online Archive
- Director of Research Resources



What Technology Transfer Means to You: Revenue Sharing

- 40% to inventors/creators
- 40% to VCU-Intellectual Property Foundation
- 10% to inventor's department
- 10% to inventors' school

FY'08



- \$ 1.9 Million in revenues
- 98 inventions
- 10 licenses
- 81 patents filed
- 8 patents issued
- 172 MTAs
- 3 start-up companys

From Discovery to Commercialization

February 2005

Invention disclosure VCU 05-21 “Mineral Technology for Acute Hemostasis and for the Treatment of Acute Wounds and Chronic Ulcers” submitted to VCU Tech Transfer Office

Inventors:

Robert Diegelmann, PhD
Kevin Ward, MD
Gary Bowlin, PhD
Marcus Carr, MD

(Biochemistry and Molecular Biology)
(Emergency Medicine)
(Biomedical Engineering)
(Internal Medicine)

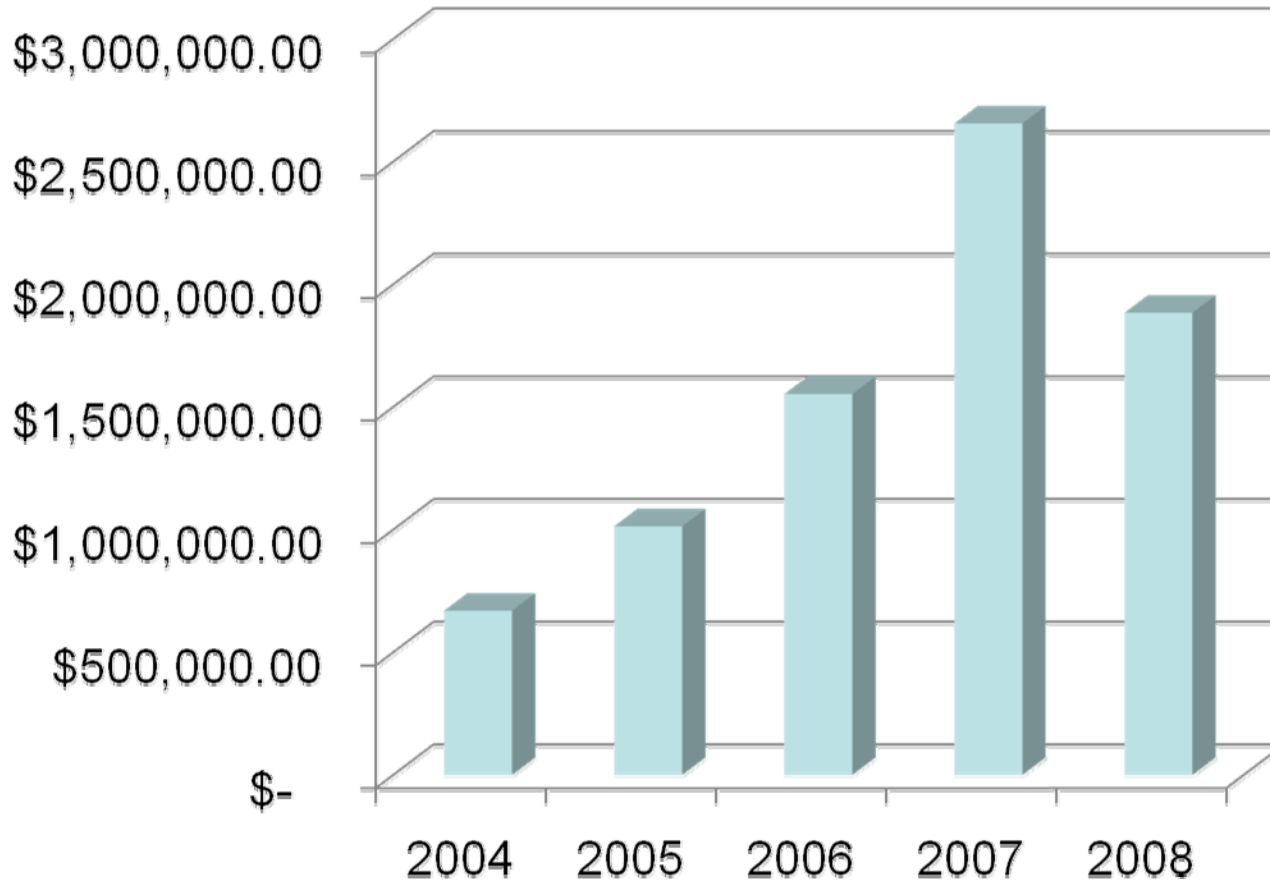
WoundStat™



TraumaCure

September 2008

Gross Revenues



Strategic Directions: 2008 and Beyond

Transformational Research

Exploit the breadth of VCU to create novel, interdisciplinary research

Translational Research

Move new knowledge from the scholar to society

Teaching – Research Integration

Connect the creation and dissemination of knowledge through inquiry-based learning