

# University of Illinois Board of Trustees Meeting

May 20, 2010



**UIC** UNIVERSITY OF ILLINOIS  
AT CHICAGO

<http://mafbe.conference.uic.edu/>

Mission & Vision  
Why Should I Attend?  
Who Should Attend?  
Travel Directions  
Program Schedule  
Workshops & Panels  
Networking Fair  
Registration  
Contact Information  
Past Conferences

**MAFBE 2010**  
**CONFERENCE**  
**MAKING THE**  
**CONNECTION**

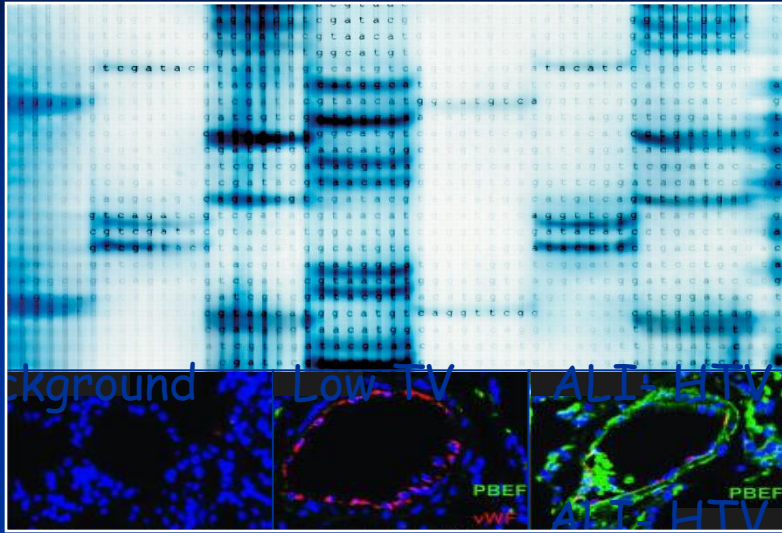
UIC FORUM - JUNE 16

The University of Illinois MAFBE Conference will take place on June 16, 2010 at the UIC Forum. This year's Making the Connection 2010 is focused on connecting the University's buying departments with qualified minority and female owned businesses. The goal of the conference is to build relationships with MAFBE firms in order to enhance our supplier diversity initiatives.

The conference Networking Fair will feature exhibitors from the University of Illinois at Chicago, Urbana, and Springfield campuses. Also, participating in the Networking Fair will be representatives from other public and private universities including local government entities. The Networking Fair will provide an opportunity for business owners to connect and market their products and/or services to the buying departments.

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# Office of the Vice Chancellor for Research



Research Resources Center

## Office for the Protection of Research Subjects



## Academic Integrity Conflict of Interest

## Office of Research Services



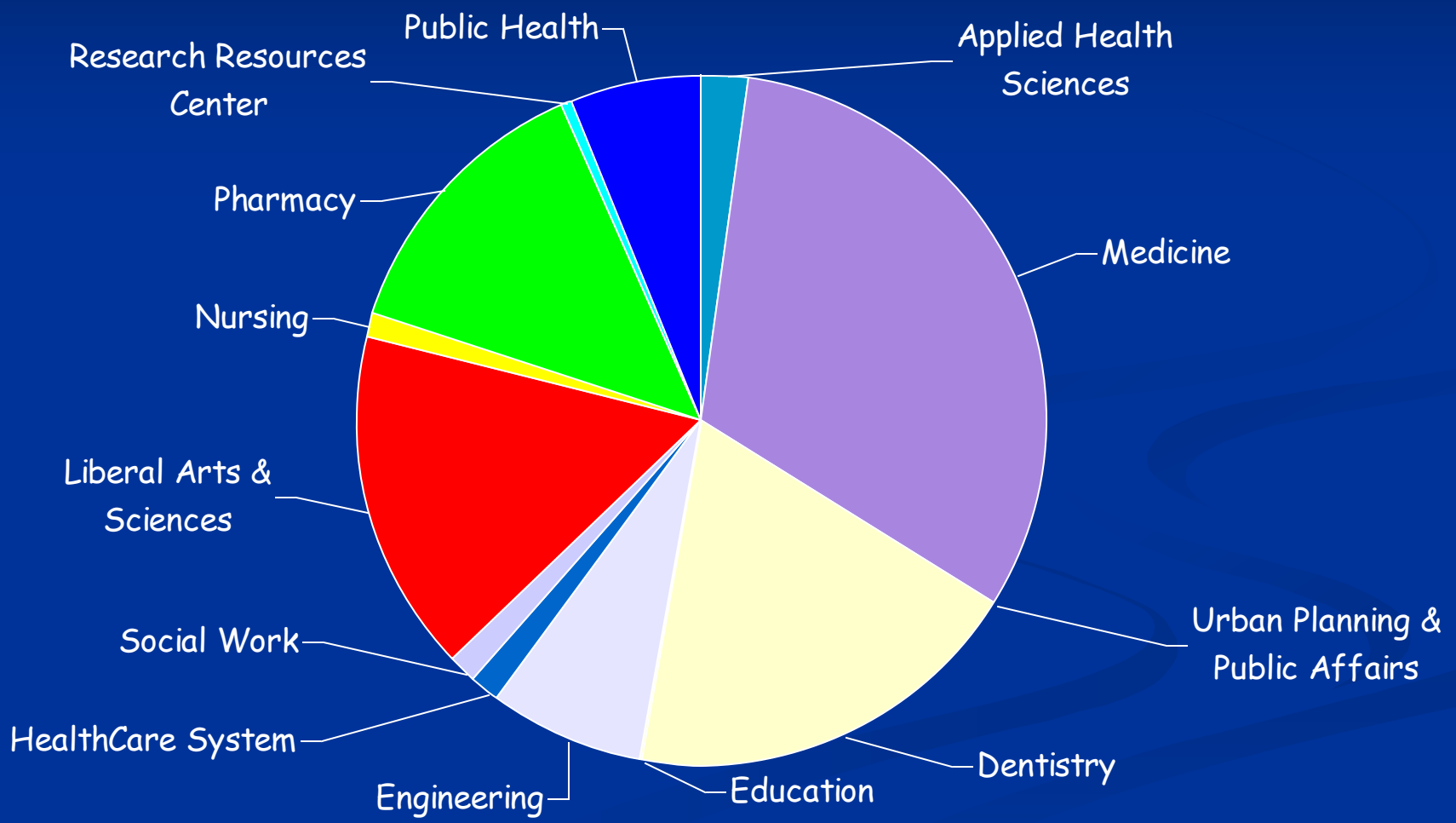
## Office of Animal Care and Institutional Biosafety Biologic Resources Center





# Broad Success in ARRA Funding Across UIC

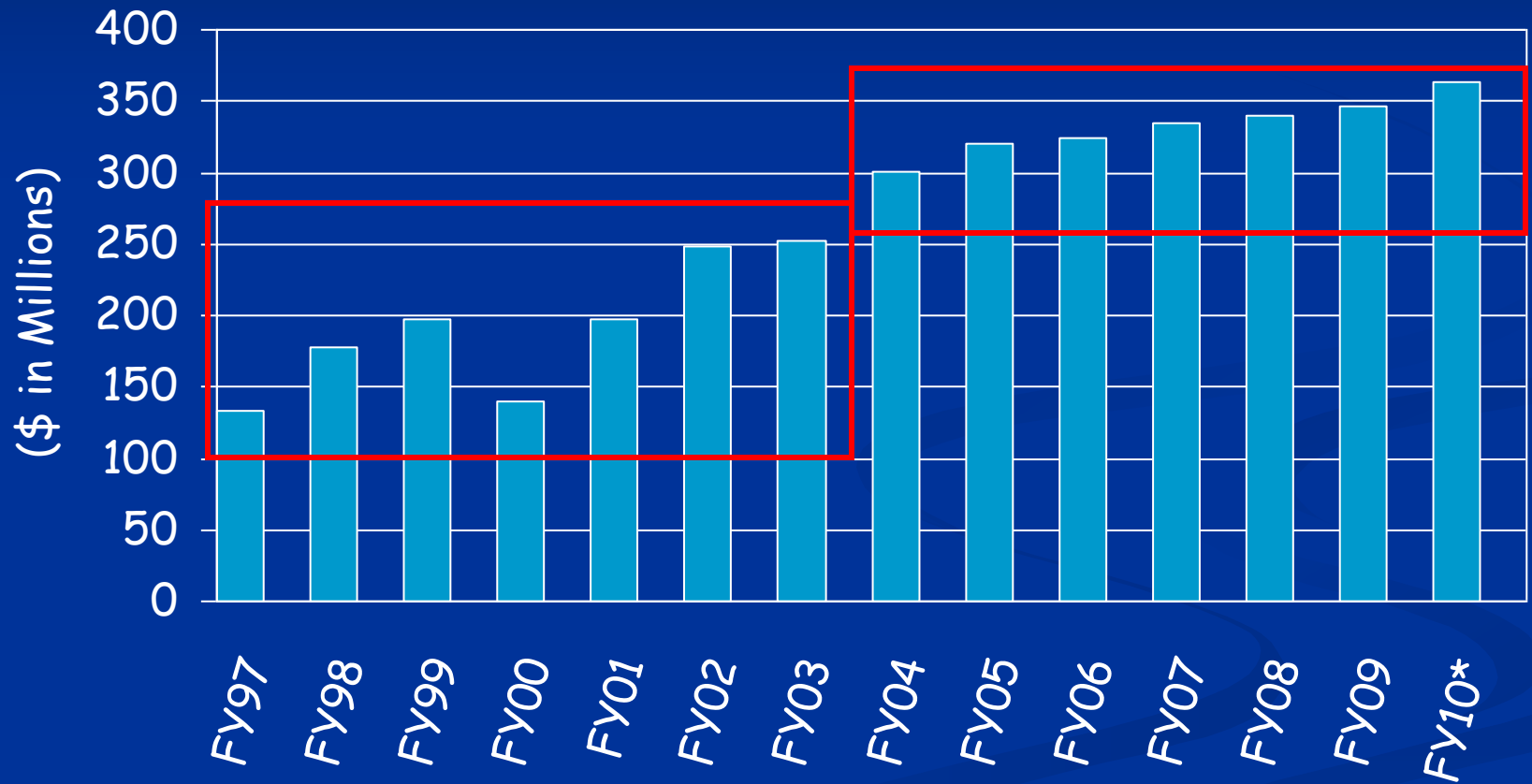
## American Recovery and Reinvestment Act (ARRA)



Total ARRA Funding as of 5/10/10 \$75,150,223

# Research Funding at UIC- FY97 to FY10

## Total Research Dollars Awarded (in Millions)



# Vice Chancellor for Research Goals

## Scholarship & Discovery Goals

- To increase recognition (internally & externally) for UIC's high quality research programs
- Increase faculty disclosures of discoveries and intellectual property to increase license revenue
- Establish broadly inclusive research themes that will drive recognition for UIC excellence
  - Urban Resilience and the Global Environment
  - Biomedical Discovery
  - Community Disparities
  - Training Underrepresented Minorities for an Academic Research Career

# Themes of Excellence at UIC- Urban Resilience and Global Environment



Energy Resources Center



Great Lakes Alliance for Sustainable Energy Research



Great Cities Institute



Urban Transportation Center



Electronic Visualization Laboratory



# Themes of Excellence at UIC- Biomedical Discovery



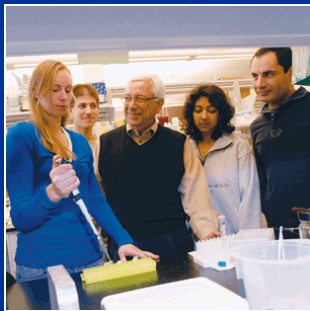
Robert Bailey  
School of Public Health

Spearheaded research on circumcision and **HIV infection** which led to a major policy shift to circumcision services widely throughout East and Southern Africa.



Kishore Wary  
College of Medicine

Novel finding of adult stem cells from bone marrow preventing **acute lung injury**.



R. John Solaro  
College of Medicine

Identified new insights into **cardiac arrhythmias** and heart pacemaker function which may save lives.

Discovered new mechanisms of neuronal transport as a feature common to adult onset neurodegenerative diseases, including **Huntington's and Alzheimer's**.



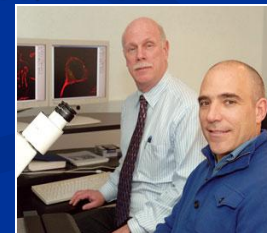
Debra Tonetti  
College of Pharmacy

Found that expression of inflammatory genes in breast tissue explains pregnancy-associated **breast cancer**.

New insights into **islet cell transplantation** achieving insulin independence in **diabetes** patients.



José Oberholzer  
College of Medicine



Scott Brady and  
Gustavo Pigino  
College of Medicine



# Themes of Excellence at UIC- Community Disparities



MacArthur Foundation Supports Chicago Project for Violence Prevention With \$1.2 Million Grant

Richard Warnecke receives funding to establish the **UIC Center for Population Health and Health Disparities**



TIME



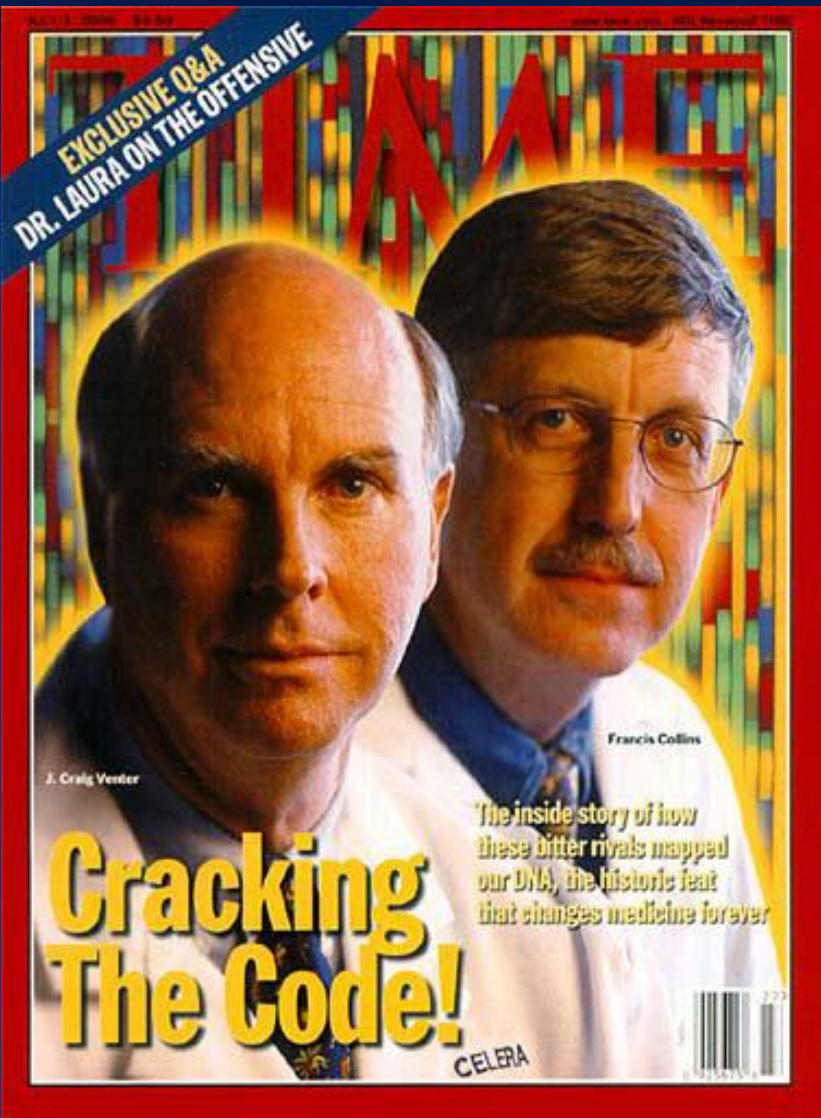
Hispanic Center  
OF EXCELLENCE IN MEDICINE

We help dedicated students to become extraordinary doctors

Aida Giachello founded the **Midwest Latino Health Research, Training and Policy Center** at the University of Illinois at Chicago 12 years ago.

# Mapping the Human Genome

Led to a watershed era in human genetics and the Age of Molecular Medicine.



This is a screenshot of the Nature Reviews Genetics website. The header features the 'nature REVIEWS GENETICS' logo and a search bar. The main content area displays a 'Perspective' article titled 'Genetic ancestry and the search for personalized genetic histories' by Mark D. Shriver and Rick A. Kittles. The article's abstract discusses the impact of public demand on genetic ancestry testing. A sidebar on the left provides navigation options like 'Journal home', 'Advance online publication', and 'Archive'. A 'Journal information' section includes links for 'Online submission', 'Guidelines for referees', and 'Subscribe'. A small inset photo of Rick Kittles is visible in the bottom right corner of the screenshot.



# Themes of Excellence at UIC- Sickle Cell Disease (SCD)



Chicago Tribune

ARTICLE COLLECTIONS

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Find more stories about

• [Disease](#)

## UIC opens new sickle cell treatment center

Clinic allows patients suffering pain crisis, without complications such as shortness of breath, numbness or fever, to get immediate, specialized care



## UIC Comprehensive Sickle Cell Center

- New insights into SCD pain crises
- Clinical trials of novel SCD therapies
- Identification of molecular signatures and biomarkers which predict potential lung & cardiac complications
- Evaluation of genetic variants which confer susceptibility to SCD complications
- UIC will be THE national model for the personalized treatment of SCD

# Creating a Diverse Biomedical and Behavioral Research Workforce

## Continuum of Opportunities

