

# Garden Party:

The University and the Future of Our Community



UNIVERSITY *of* ROCHESTER

Tuesday, June 12, 2012



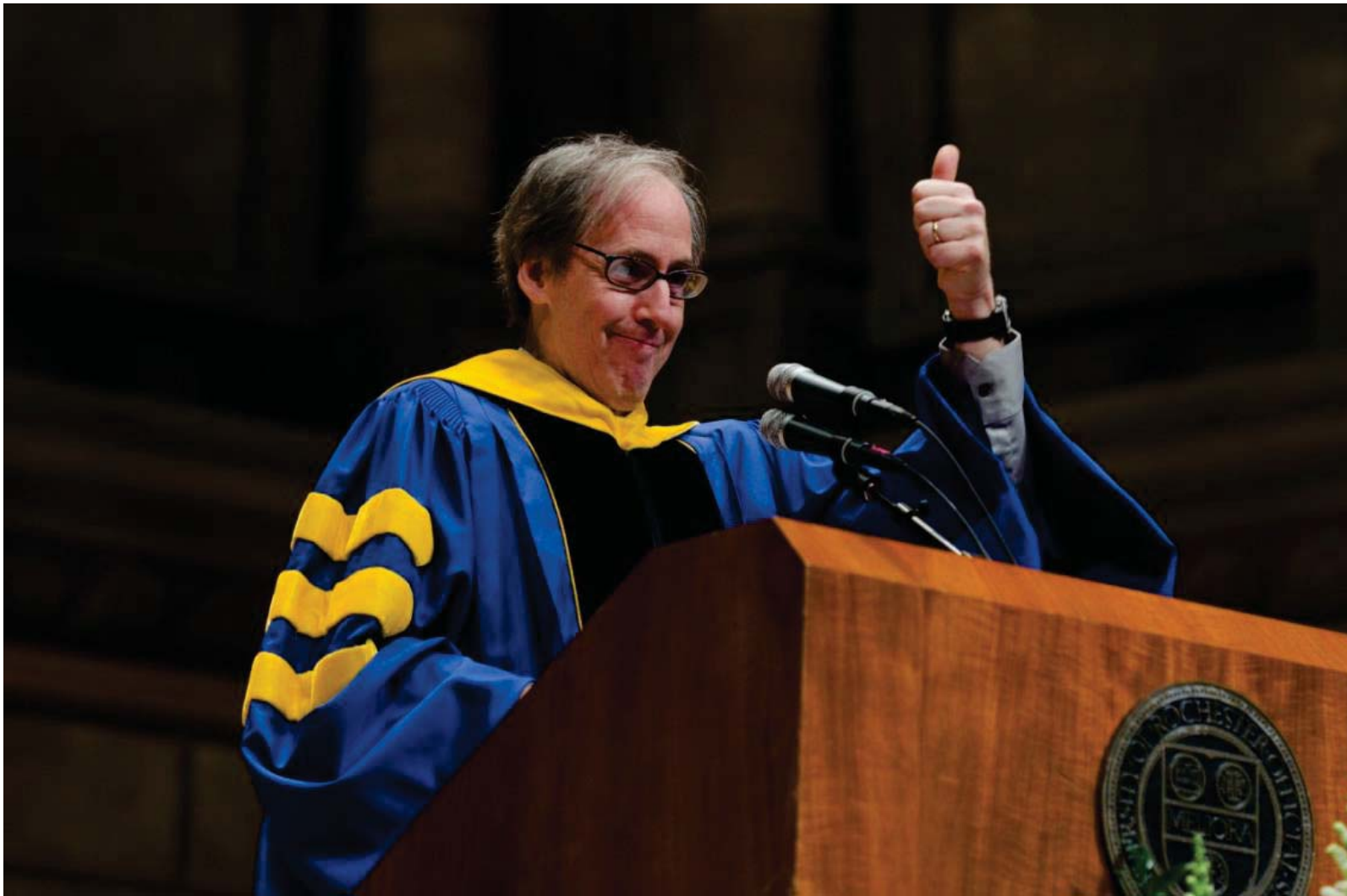
# Renée Fleming



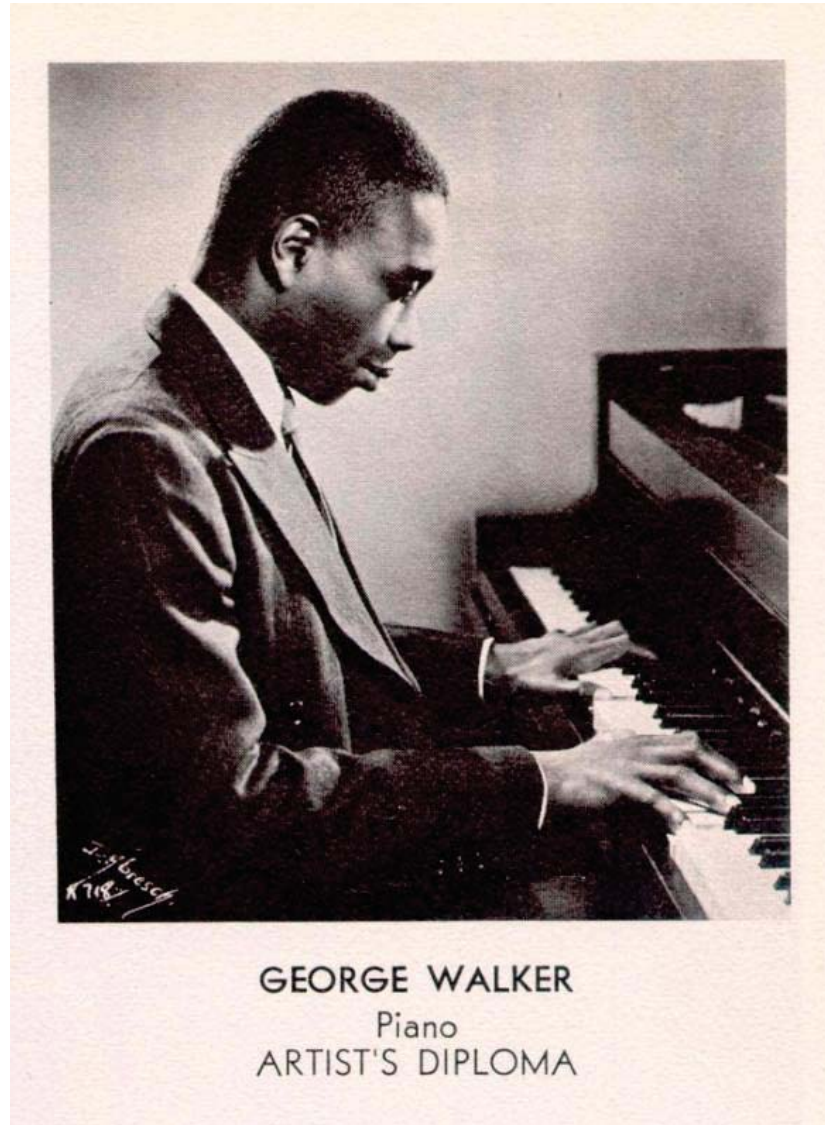
# Ron Carter



# Jeff Beal



# George Walker





# Award Winning Eastman Theatre



# THE YELLOW JACKETS ON the Sing-off







REMEMBER OUR NAME









# Golisano Children's Hospital





# Finger Lakes Funding

NEW YORK Finger Lakes  
**OPEN FOR** Regional  
**BUSINESS** Economic  
Development  
Council



Accelerating Our Transformation

**Awarded**  
**\$68.8M**  
**For**  
**93 Projects**



# Health Sciences Center for Computational Innovation

ROCHESTER BUSINESS JOURNAL

# RBJ

VOLUME 28, NUMBER 7

WWW.RBJDAILY.COM

MAY 11, 2015

25 Years  
FIRST in  
BUSINESS NEWS

**Profile**  
LeRoy-based Lapp  
Insulators LLC president  
Rob Johnson pursues  
growth globally.  
Page 10

**Special Report**  
It is possible to remain  
mentally fit despite the  
effects of aging,  
experts say.  
Page 27

**The List**  
J.P. Morgan Chase  
Private Bank ranks  
No. 1 among area  
money managers.  
Page 9



## Supercomputer coming to UR

\$100M project expected to create hundreds of jobs, produce research dynamo

By NATE DOUGHERTY

Research efforts at the University of Rochester received a big boost this week when IBM Corp. announced that the university would be one of the first academic institutions in the nation to receive a Blue Gene/Q supercomputer.

Considered one of the most powerful and efficient computer systems in the world, the Blue Gene/Q will be used by UR's Health Sciences Center for Computational Innovation, which has already attracted \$84 million in funding using a previous generation supercomputer.

The Blue Gene/Q is expected to arrive



Illustration courtesy of UR

A computer-simulated model of bacteria

in late June, and in the meantime UR is carrying out \$1.6 million in upgrades to prepare for its arrival.

University officials said they expect the partnership with IBM to grow, ultimately producing the nation's most advanced computer network dedicated to health research. The Rochester Business Journal first reported in February on the partnership and the effort to bring the new supercomputer here.

The Finger Lakes Regional Development Council has identified HSCCI as a funding priority, and the center received \$5 million from the state toward the supercomputer project. The total project is expected to cost some \$100 million.

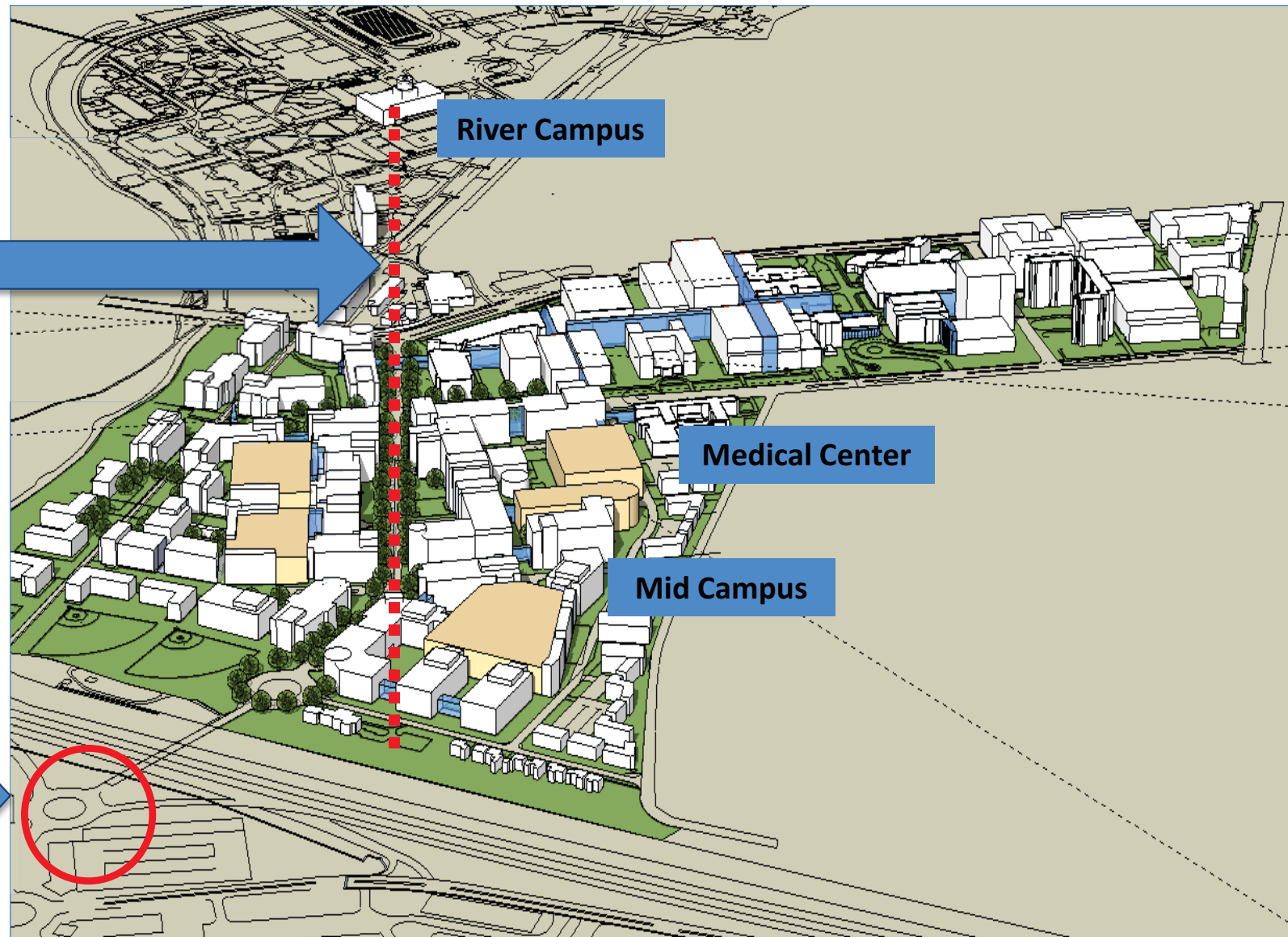
"This is an important step toward the

Continued on page 18





# I-390/Kendrick Road Interchange



New Kendrick  
Aligned with Rush  
Rhees Tower

New I-390  
Interchange



# College Town





# College Admissions Data

<b>Admission Year:</b>	<b>2005</b>	<b>2009</b>	<b>2011</b>	<b>2012</b>
<b>Applicants</b>	<b>11,293</b>	<b>12,111</b>	<b>13,672</b>	<b>14,788</b>
<b>Final Admission Offers</b>	<b>5,380</b>	<b>4,637</b>	<b>4,942</b>	<b>5,382</b>
<b>Enrolled</b>	<b>997</b>	<b>1,080</b>	<b>1,152</b>	<b>1,225</b>
<b>High School GPA</b>	<b>3.56</b>	<b>3.72</b>	<b>3.81</b>	<b>3.81</b>
<b>Two-score SAT</b>	<b>1304</b>	<b>1330</b>	<b>1344</b>	<b>1353</b>



# Simon Rankings - *The Financial Times*

## Top 10 - Finance

1. New York University: Stern
2. Columbia Business School
3. University of Rochester: Simon
4. University of Pennsylvania: Wharton
5. University of Chicago: Booth
6. London Business School
7. University of Iowa: Tippie
8. University of Toronto: Rotman
9. Carnegie Mellon: Tepper
10. Rice University: Jones

## Top 10 - Economics

1. University of Chicago: Booth
2. Cranfield School of Management
3. MIT: Sloan
4. University of Rochester: Simon
5. Universität St. Gallen
6. Warwick Business School
7. Carnegie Mellon University: Tepper
8. Yale School of Management
9. University of Cape Town GSB
10. Incae Business School

## Top 10 - Accountancy

1. Brigham Young University: Marriott
2. University of Texas at Austin: McCombs
3. Boston College: Carroll
4. Texas A & M University: Mays
5. University of Pennsylvania: Wharton
6. University of Chicago: Booth
7. University of Rochester: Simon
8. Indiana University: Kelley
9. Rice University: Jones
10. Cornell University: Johnson





# Hajim School of Engineering



**Research &  
Expenditures**

**Faculty Ranked 4th  
at \$930,775**

**Total Research  
Expenditures**

**Ranked 28<sup>th</sup>  
at \$82.8M**

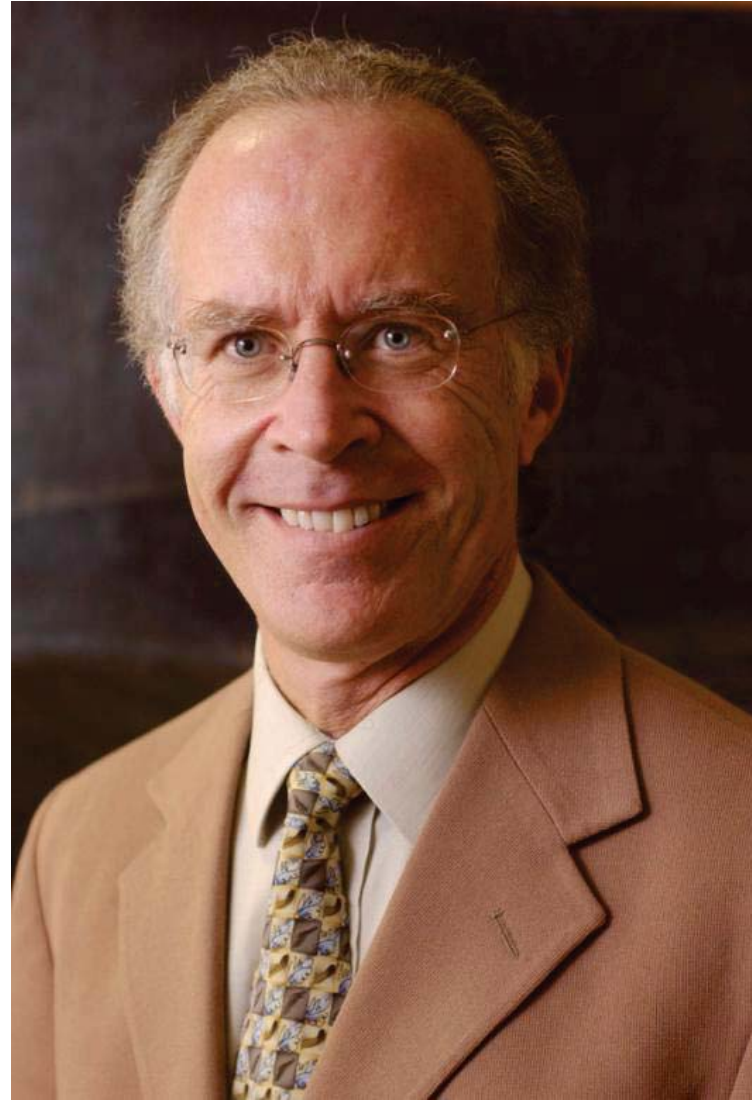


# Dennis O'Brien





# Thomas Jackson



# O'Brien Hall





# Jackson Court



# Centennial Sculpture Park





# Rochester Fringe Festival



# 2012 Pulitzer Prize in Music



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**Kevin Puts**

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# 2011 Grammy Awards



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**Christopher Lamb**

Best Classical Instrumental Solo

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**Robert Ludwig**

Best Surround Sound Album

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# 2011 Ernest Orlando Lawrence Award



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**Riccardo Betti**

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# 2012 Athena Award Recipient



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**Judith Baumhauer**

---

# American Academy of Arts & Sciences



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**John H. Werren**

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# Zvi Zeitlin



# Outstanding Achievement Award in Adolescent Medicine



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**Richard E. Kreipe**

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# 2012 Dr. David Satcher Community Health Improvement Awards



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**Ann M. Dozier**

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**Sheree L. Toth**

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# 2012 Distinguished Service Award of the Optical Society



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**Joseph Eberly**

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# \$2M Grant to Improve English Proficiency



**Mary Jane Curry**



**Judith Fonzi**



# 2012 William F. Meggers Award



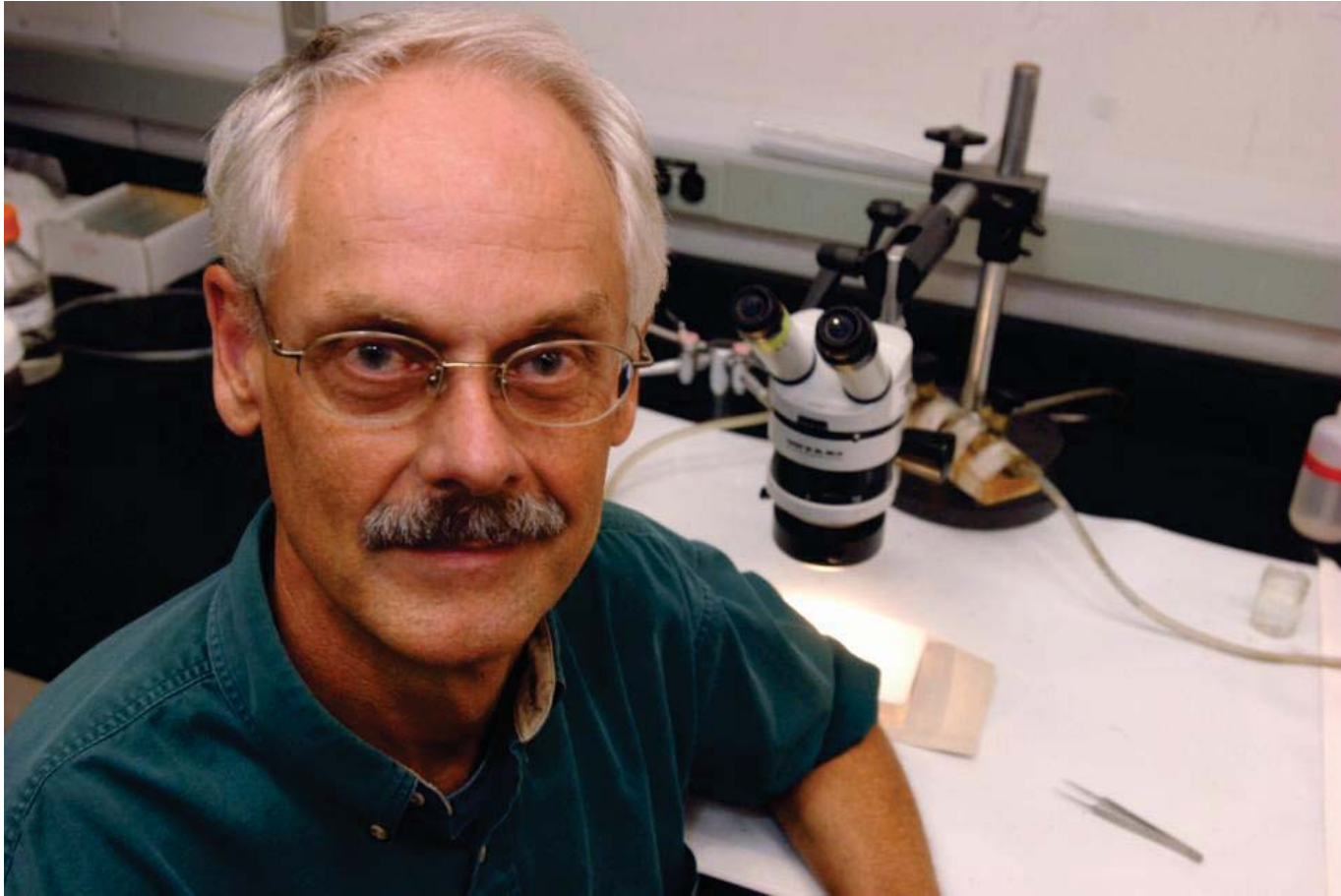
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**Xi-Cheng Zhang**

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# Grand Challenges Explorations



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**John Jaenike**

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# Matthew Grills





# Jodie Luther



# John DiBartolomeo



# Men's Squash Honors



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**Benjamin Fischer**

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# UR Muggles Master Quidditch



# 2008 Strategic Plans



ARTS, SCIENCES  
& ENGINEERING  
UNIVERSITY of ROCHESTER



UNIVERSITY of  
ROCHESTER  
MEDICAL CENTER



SIMON  
GRADUATE SCHOOL OF BUSINESS  
UNIVERSITY of ROCHESTER



MEMORIAL  
ART GALLERY  
UNIVERSITY of ROCHESTER



WARNER  
SCHOOL OF EDUCATION  
UNIVERSITY of ROCHESTER



EASTMAN  
SCHOOL OF MUSIC  
UNIVERSITY of ROCHESTER



# Federal Research Funding

Normalized By Faculty Size (FY10)

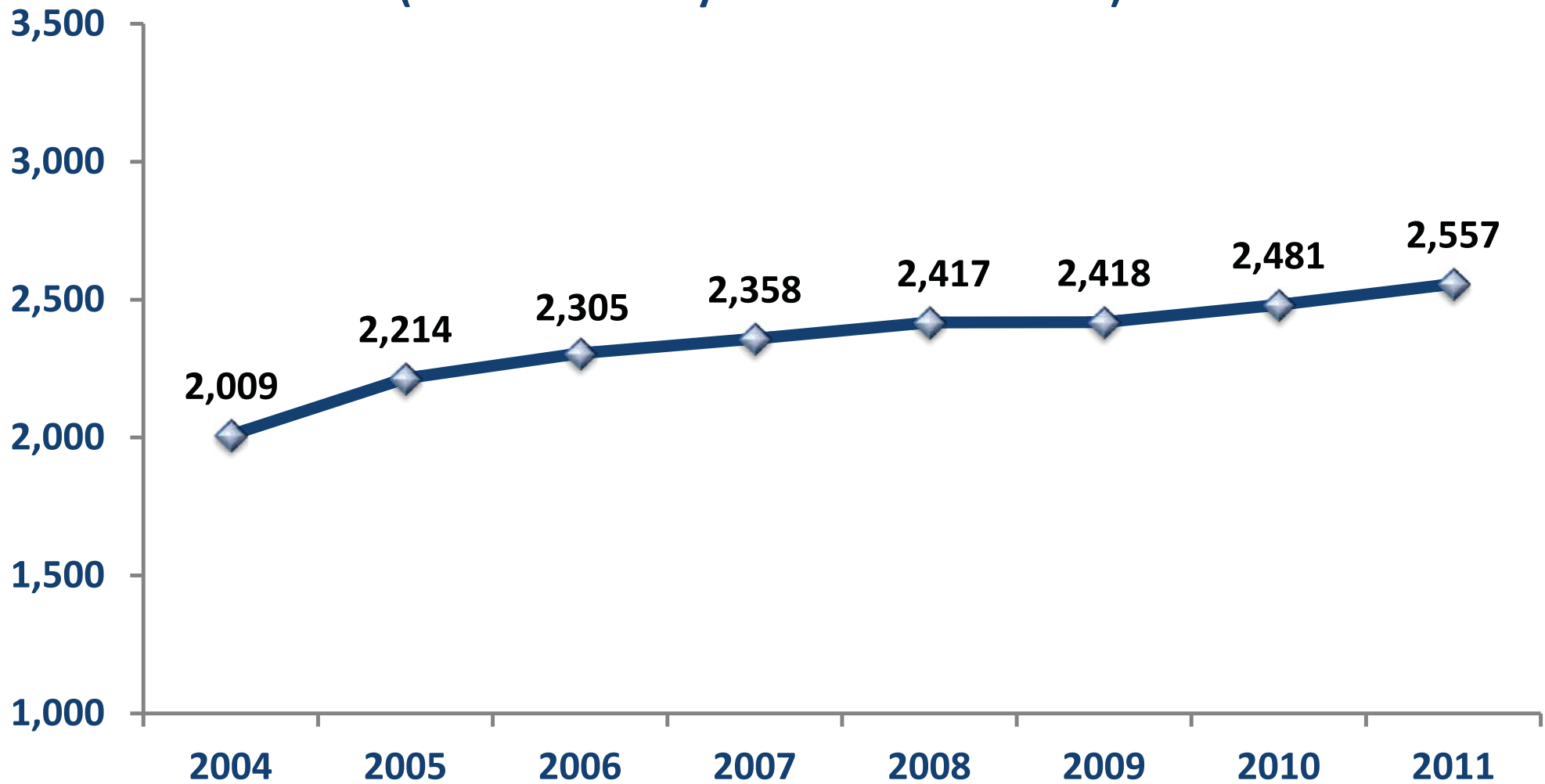
Institution	Norm Rank	\$ Rank
Johns Hopkins University	1	1
California Institute of Technology	2	29
University of California-San Diego	3	7
Washington University in St. Louis	4	16
Stanford University	5	5
Duke University	6	12
University of Washington	7	2
University of Pennsylvania	8	4
Massachusetts Institute of Technology	9	18
Yale University	10	15
University of Pittsburgh	11	6
Columbia University	12	8
University of Rochester	13	33
University of Alabama at Birmingham	14	32
Georgia Institute of Technology	15	26



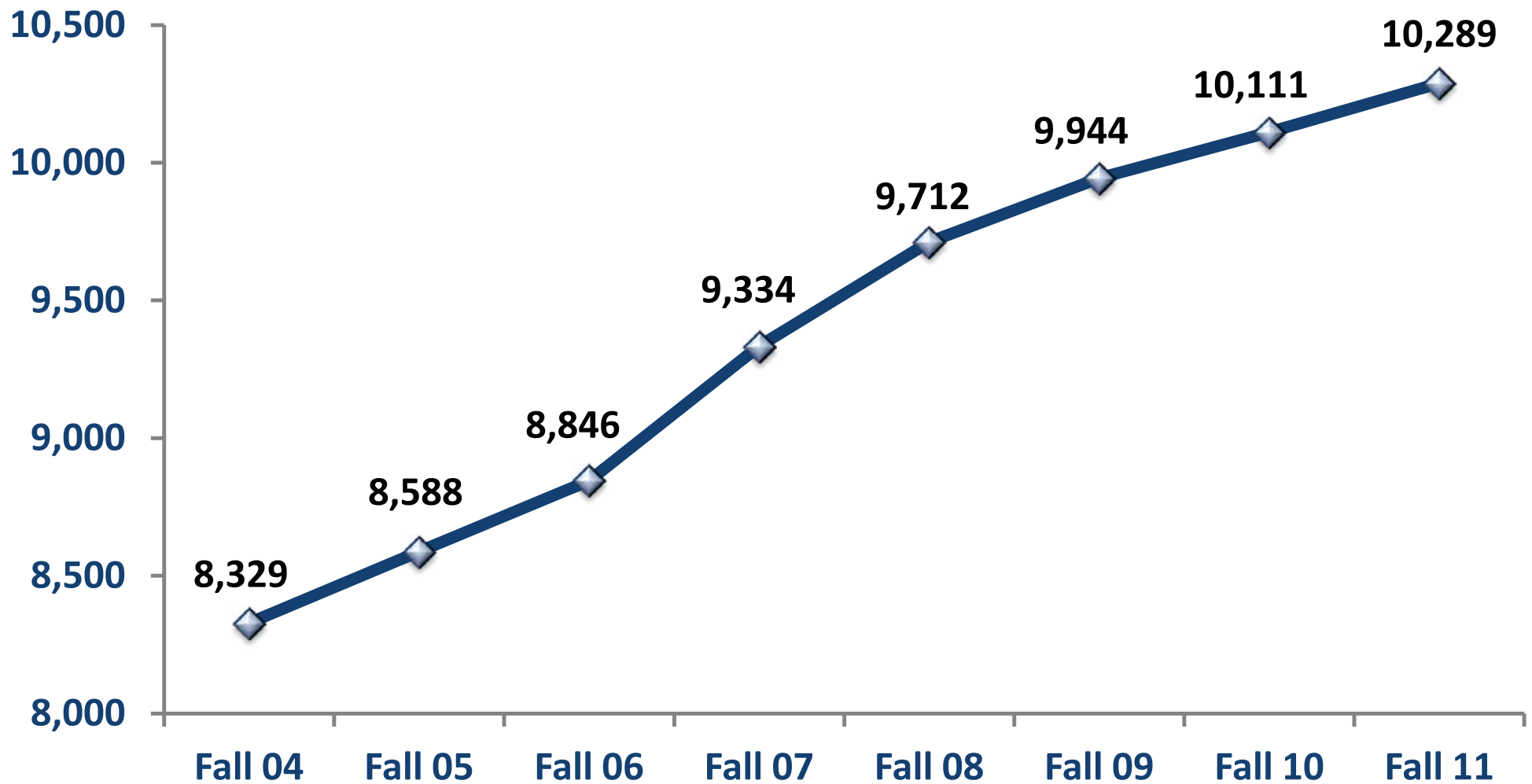


# University Faculty Size

(Includes Faculty & Instructional Staff)



# University Enrollment



# Dining Renovations





# Ernest J. Del Monte Neuromedicine Institute



# Major University Facilities Projects

PROJECT	Cost (Millions)	FY Completion
<b>IN PROGRESS</b>		
Cancer Center Vertical Expansion, Phase I	\$ 56	2012
Dennis O'Brien Undergraduate Residence Hall/Thomas Jackson Court	17	2012
Raymond F. LeChase Hall (Warner School)	24	2013
<b>PLANNED</b>		
New Digital Media and Innovation Center	\$ 11	2013
Golisano Children's Hospital at Strong Tower Project, Phase I	145	2015
New Electrical Substation, Phase I	25	2014
Middle Campus Chilled Water Expansion, Phase I	20	2014
<b>MAJOR PROJECTS (Completed, In Progress, Planned) SINCE 2005:</b>		<b>20</b>
<b>TOTAL CUMULATIVE VALUE:</b>		<b>\$659M</b>





# The Lattimore Women's Health Center





# Raymond F. LeChase Hall



# Wilmot Cancer Center Vertical Expansion





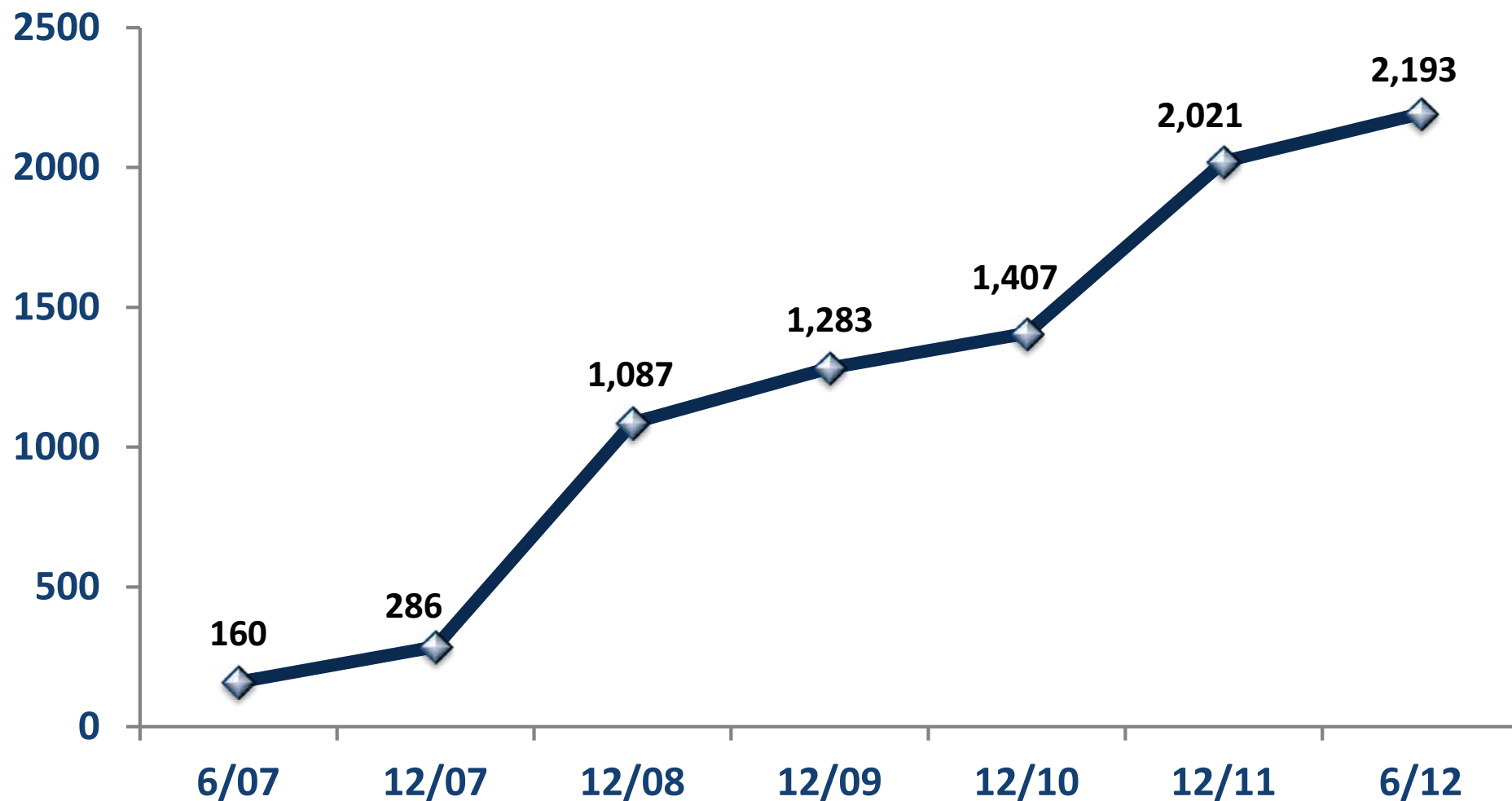
# Digital Media and Innovation Center





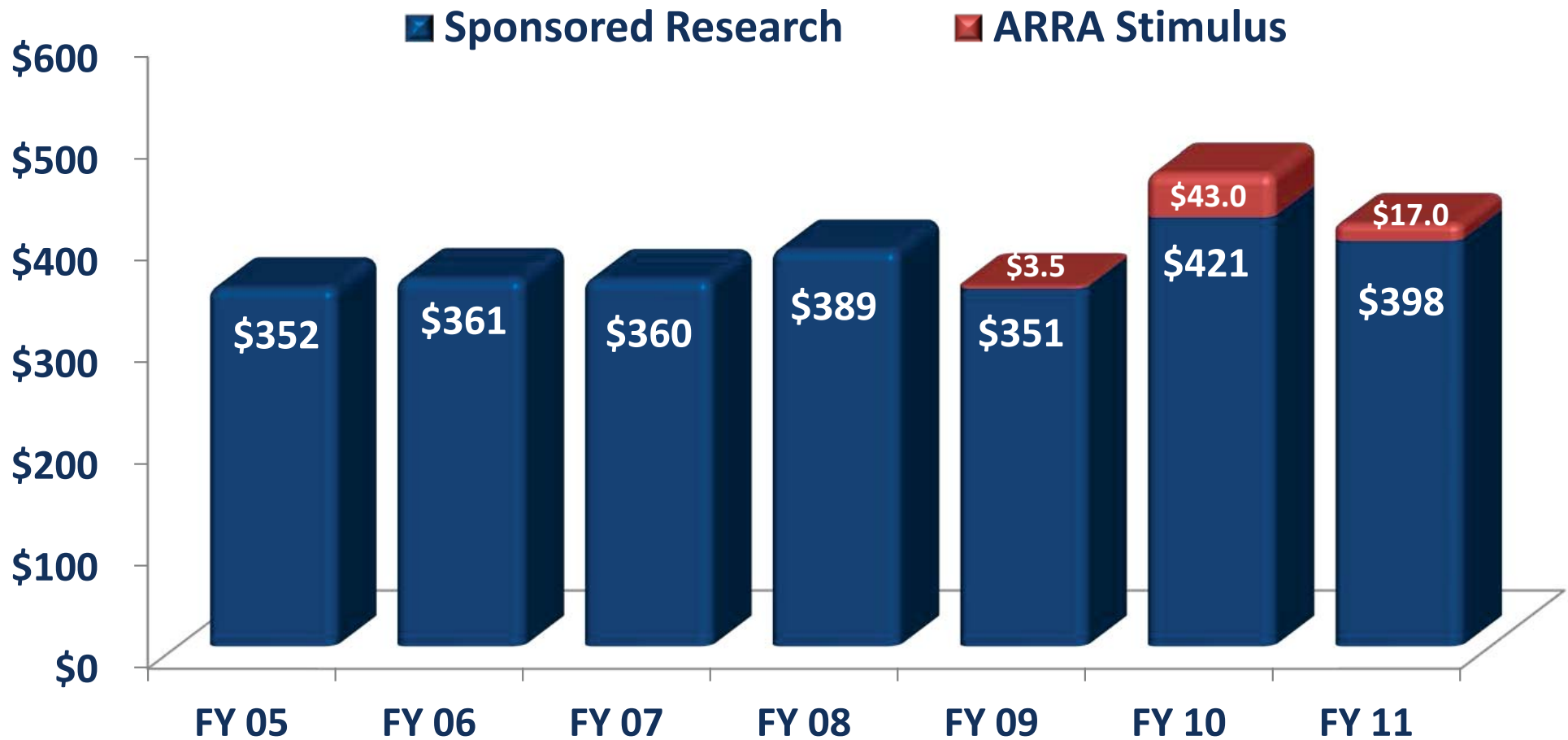
# George Eastman Circle Membership

(As of 6/8/12)



# Sponsored Research Support

(In Millions)



# The Transformation of the Finger Lakes



**Kodak**

The Kodak logo is displayed in a red, bold, sans-serif font. It is centered within a white rectangular area that is framed by two horizontal yellow bars, one above and one below the text.

**Bausch & Lomb**

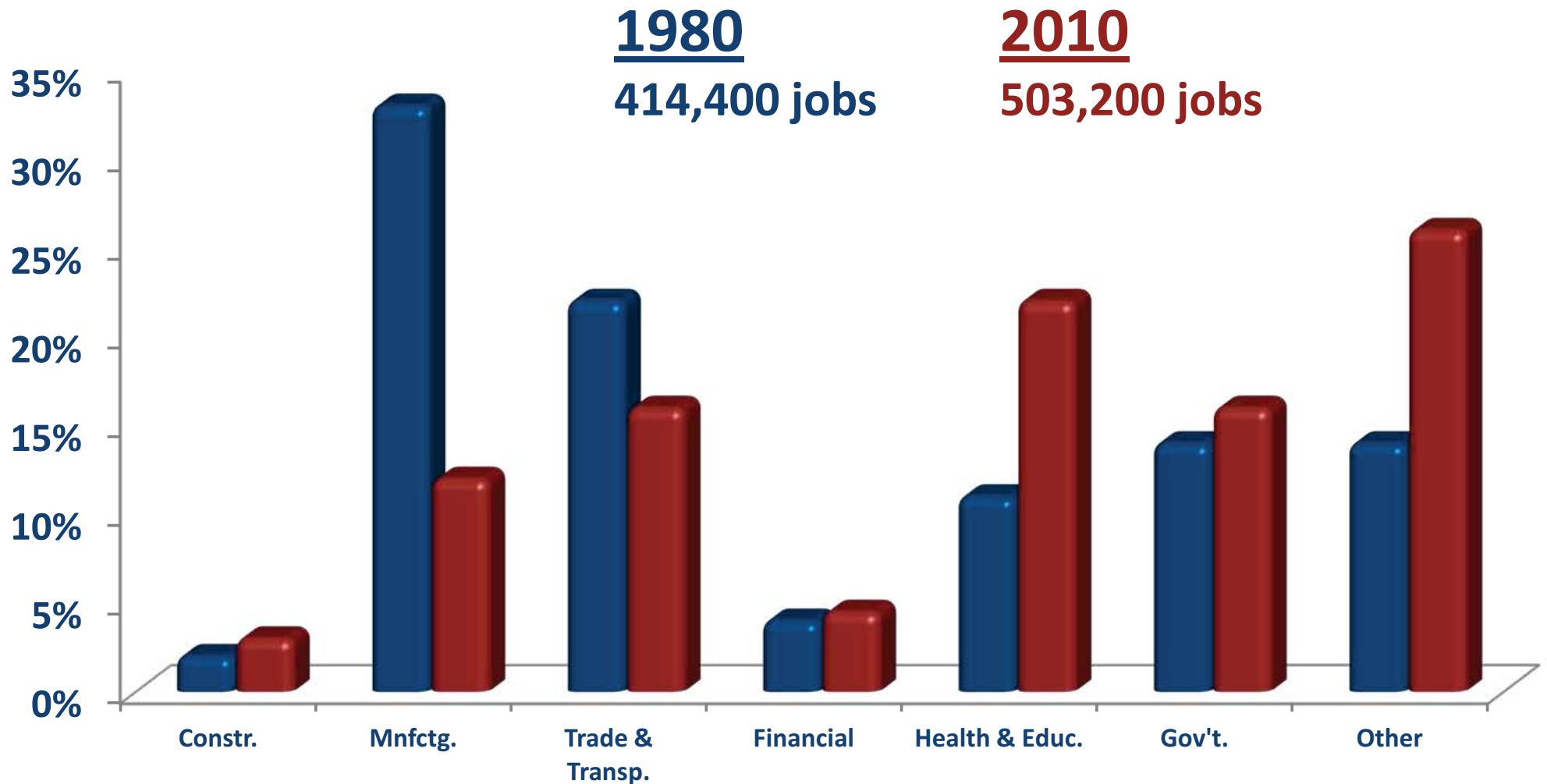
The Bausch & Lomb logo features a stylized graphic above the text. The graphic consists of a green horizontal bar on the left that tapers into a blue triangular shape pointing to the right. Below this graphic, the words "Bausch & Lomb" are written in a bold, black, sans-serif font.

**xerox**

The Xerox logo is the word "xerox" in a red, lowercase, sans-serif font.



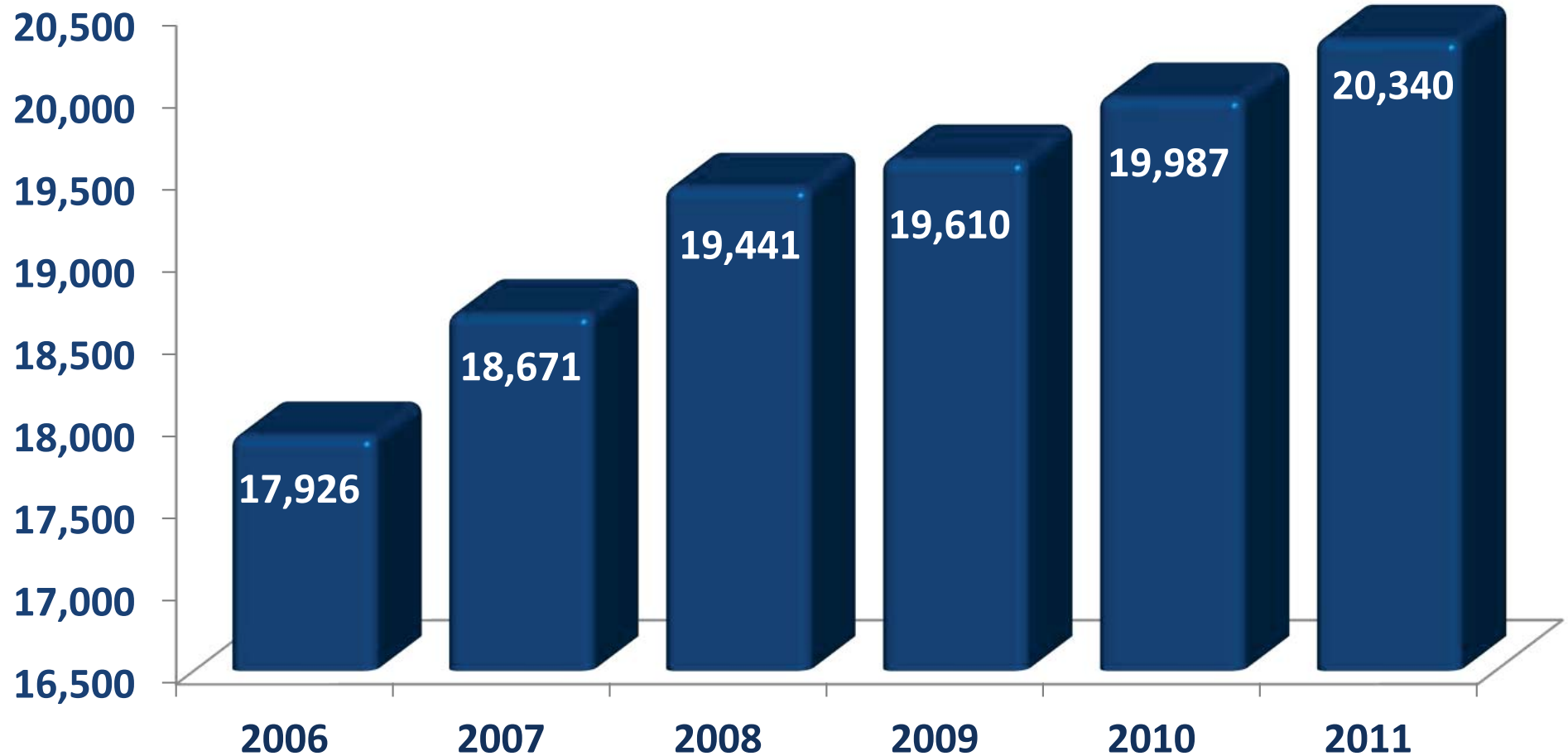
# Rochester Employment



# 10 Largest Private Sector Employers in New York State

1964	1984	2011
<p>A &amp; P Corp.            Consolidated Edison            Eastman Kodak            General Electric            General Motors            Grumman Aerospace            IBM Corp.            Metropolitan Life            New York Telephone            Sperry-Rand</p>	<p>Chase Manhattan            Consolidated Edison            Eastman Kodak            First National City Bank            General Electric            General Motors            Grumman Aerospace            IBM Corp.            Manufacturers Hanover            New York Telephone</p>	<p>Citigroup            IBM Corp.            JP Morgan Chase  <b>Mount Sinai Medical Center</b>  <b>New York-Presbyterian Hospital</b>  <b>North Shore-LIJ Health System</b>  <b>University of Rochester</b>            Verizon            Wegmans Food Markets Inc.            Walmart</p>

# Full-Time Equivalent Positions





# Top 20 Private Employers in NYS 2011

Rank	Company	NYS Empl
1	North Shore-LIJ Health System	37,000
2	Walmart	28,000
3	JP Morgan Chase	27,000
4	Verizon	27,000
5	Citigroup	25,000
6	Wegmans Food Markets Inc.	21,000
7	University of Rochester	20,000
8	IBM Corporation	20,000
9	New York-Presbyterian Hospital	19,000
10	Mount Sinai Medical Center	19,000

Rank	Company	NYS Empl
11	New York University	18,000
12	Montefiore Medical Center	17,000
13	Macy's Inc.	16,000
14	Cornell University/Weil Medical	16,000
15	Columbia University	15,000
16	Morgan Stanley	13,000
17	Consolidated Edison Inc.	12,000
18	Bank of America	12,000
19	Memorial Sloan-Kettering Cancer Center	12,000
20	Merrill Lynch	11,000



# A Vital Cornerstone





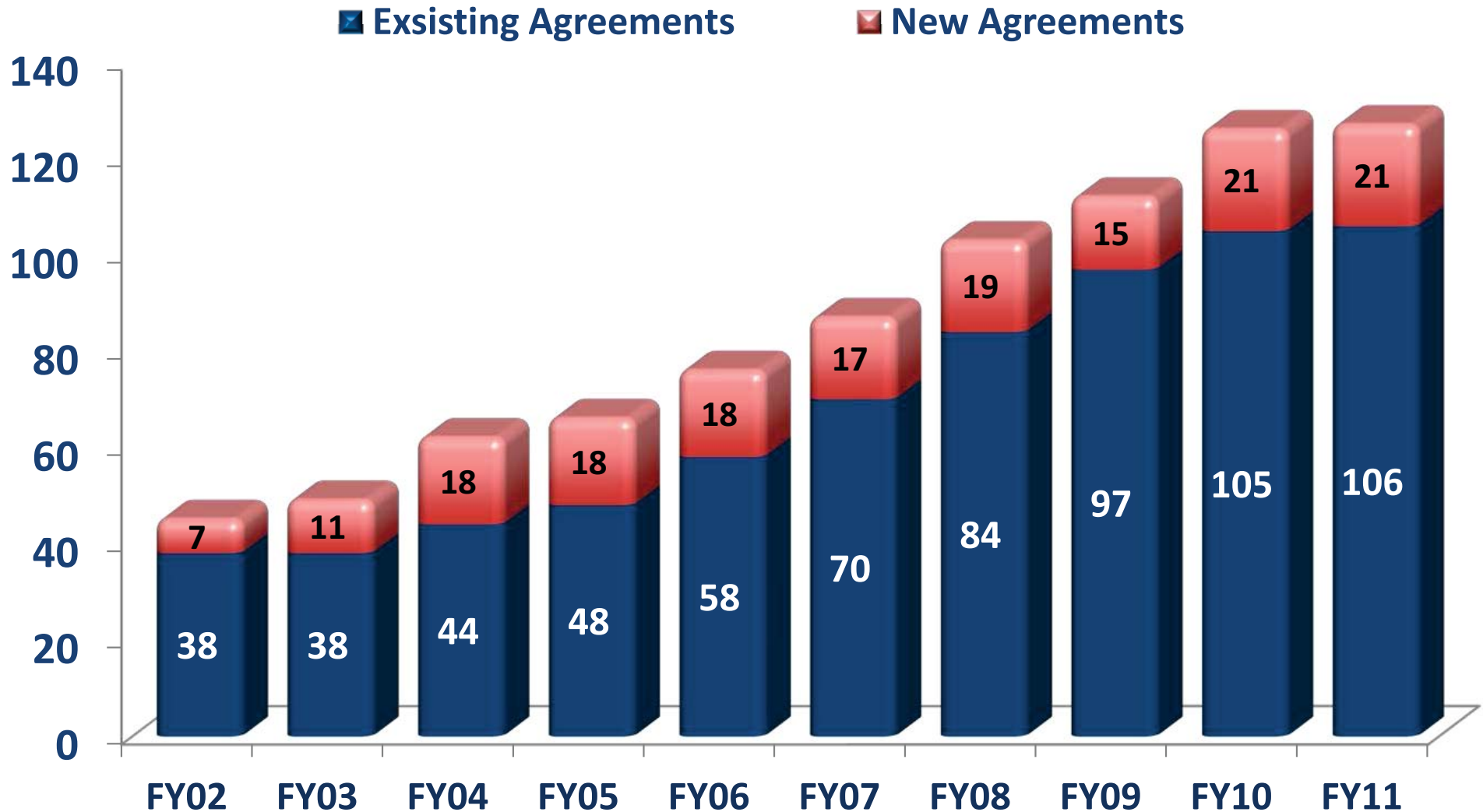
# Our Impact on the Community

- **47,000 jobs -**  
**Approximately**  
**9% of total**  
**employment**
- **\$2.4B in wages**
- **\$143M in sales,**  
**personal**  
**income, and**  
**local property**  
**taxes**





# Technology Licensing



# Beyond Job Creation

**Scholarships through  
the Rochester Promise**



Every child is a work of art.  
Create a masterpiece.

**Health Care  
in our Community**



# Nursing Students in the Community





# M. K. Gandhi Institute for Nonviolence and Restorative Justice



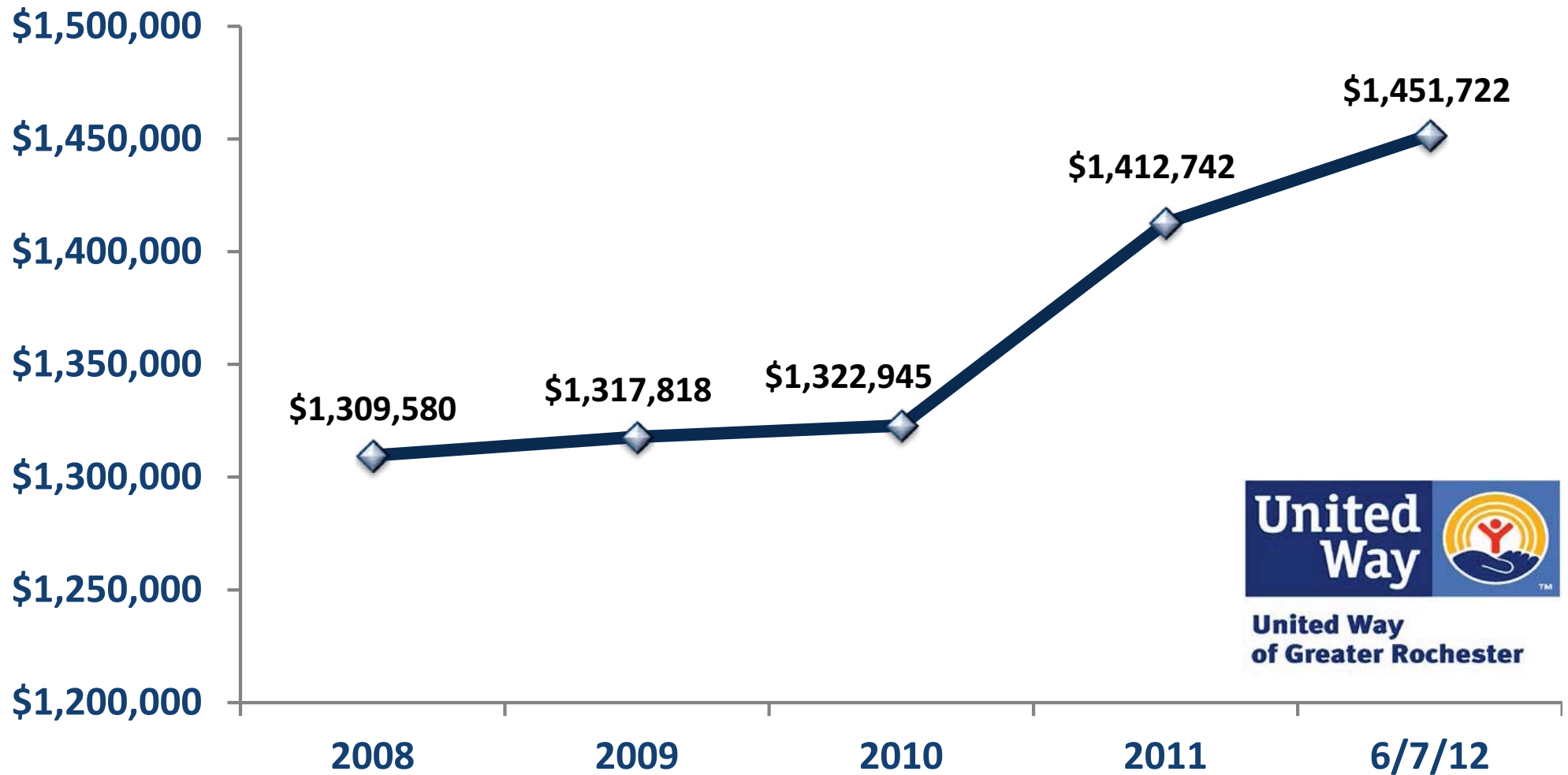
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**Kit Miller**

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# United Way/Red Cross Campaign

## University of Rochester - Total Dollars Raised



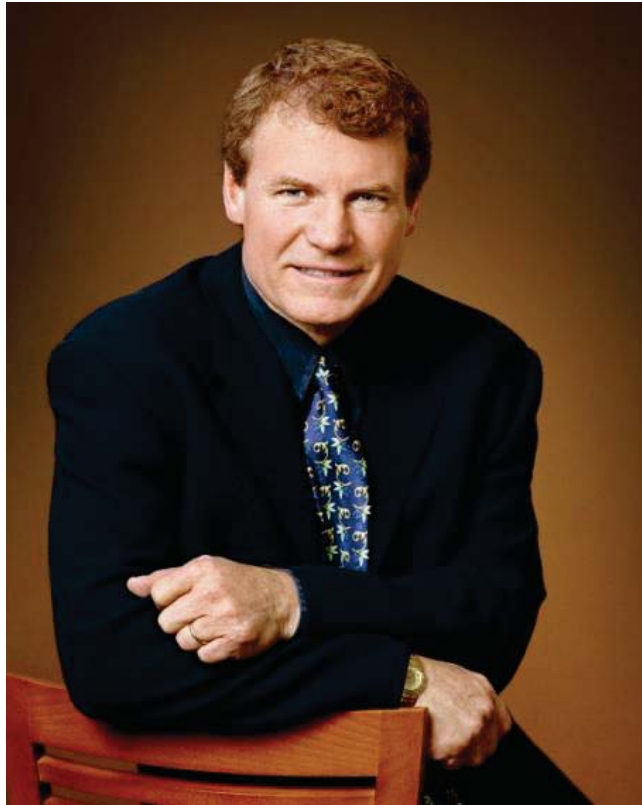
# Governor Andrew Cuomo





# Co-Chairs:

## Finger Lakes Regional Economic Development Council



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**Danny Wegman**  
**Wegmans Food Markets**

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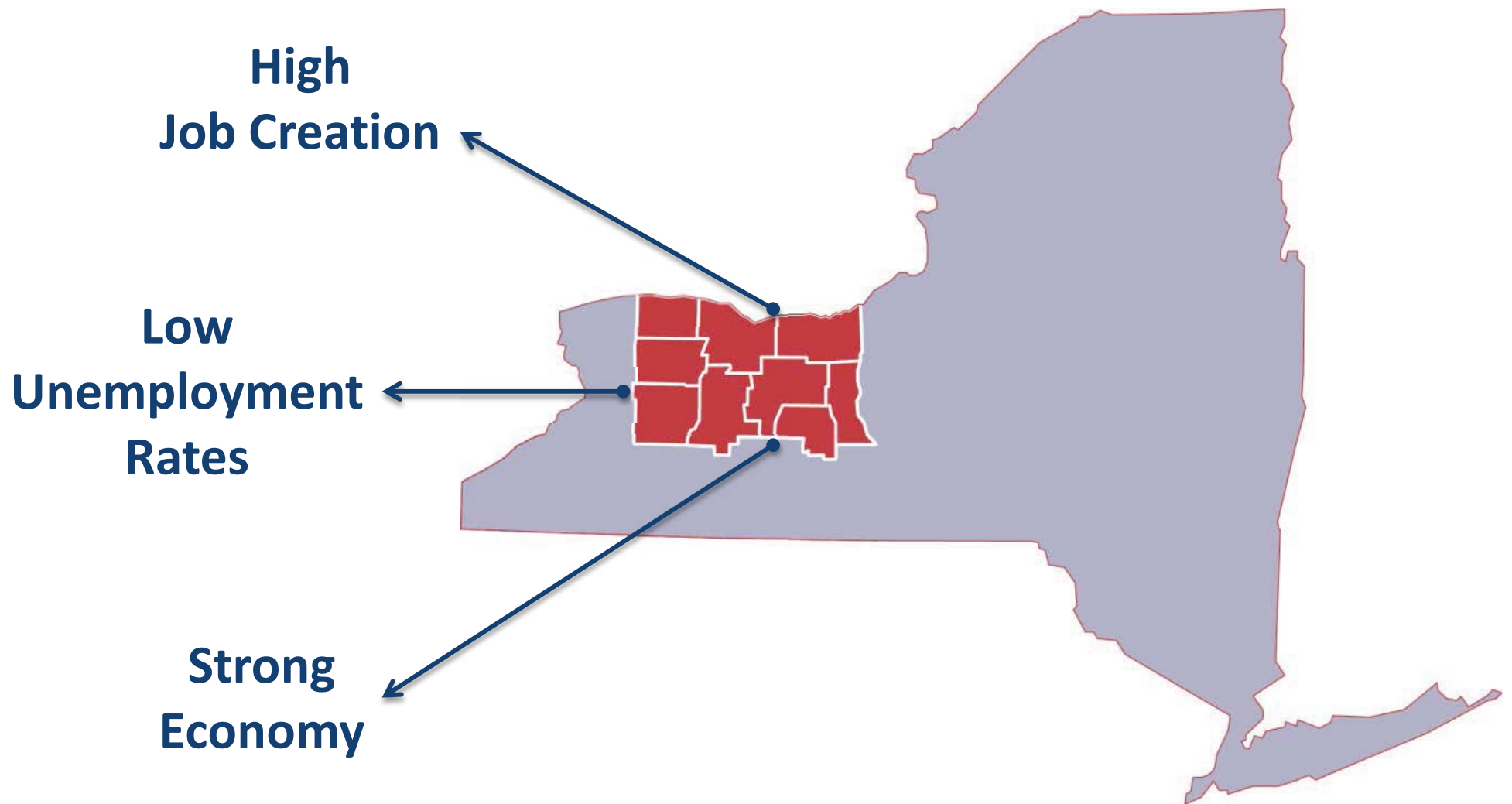


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**Joel Seligman**  
**University of Rochester**

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# The Finger Lakes Region



# Smartest Cities in America



Rank	City
1	Boston, MA
2	Hartford, CT
3	San Francisco Bay Area, CA
4	Raleigh/Durham, NC
5	Denver, CO
6	Seattle, WA
7	Austin, TX
8	Minneapolis-St. Paul, MN
9	Washington, DC
10	Rochester, NY





# Cities Poised for Greatness in 2012

## The Street

Rank	City
1	Indianapolis, IN
2	New Orleans, LA
3	Chicago, IL
4	Tampa, FL
5	Charlotte, NC
6	London, England
7	San Jose, CA
8	Austin, TX
9	Houston, TX
10	Rochester, NY



# Rochester's Real Estate Market



## Most Livable Bargain Markets

Rank	City
1	Rochester, NY
2	Sioux City, IA
3	Pittsburgh, PA
4	Waterloo-Cedar Falls, IA
5	Lafayette, IN
6	Ann Arbor, MI
7	Logan, UT-ID
8	Lincoln, NE
9	Fort Worth-Arlington, TX
10	Fayetteville-Springdale-Rogers, AR/MO

## Best Places to Buy a Home in the U.S.

Rank	City
1	Rochester, NY
2	Pittsburg, PA
3	Utica, NY
4	Oklahoma City, OK
5	Tulsa, OK
6	Lincoln, NE
7	Raleigh, NC
8	Lancaster, PA
9	Little Rock, AR
10	Green Bay, WI



# Nation's Top 100 Exporting Regions

 Metropolitan Policy Program  
at BROOKINGS

**Export Nation 2012:**  
How U.S. Metropolitan Areas  
Are Driving National Growth

**# 33 Rochester, NY – With \$8.1B in exports**





# Accelerate Job Creation



- **Job growth and retention**
- **Creation of new companies**
- **Formation of minority- and women-owned businesses**



# Strengthen Quality of Life

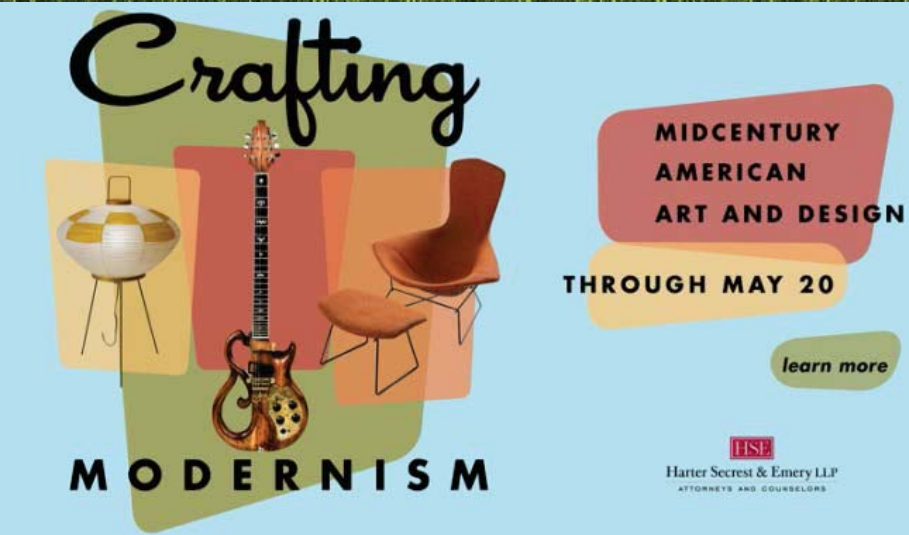


- **Enhance quality of jobs created in the region**
- **Continue to improve access to high-quality, low-cost healthcare, improve leading public health indicators, and make the region one of the healthiest in the nation**
- **Increase attendance and revenue from recreational and cultural activities**

# Sector Strategies



- **Advanced Healthcare and Life Sciences**
- **Optics, Photonics and Imaging**
- **Energy Innovation**
- **Advanced Manufacturing**
- **Business Services, Software, and Telecommunications**
- **Agriculture and Food Processing**
- **Tourism and the Arts**





# Priority Projects



- **Eastman Business Park Revitalization**
- **Finger Lakes Business Accelerator Cooperative**
- **Regional Internal Harvesting and Economic Gardening**
- **The Golisano Institute for Sustainability at RIT**
- **Health Sciences Center for Computational Innovation**
- **Seneca AgBio Green Energy Park**
- **Finger Lakes Museum**
- **Finger Lakes Health Collaborative**
- **Midtown Redevelopment and Tower**



# Eastman Business Park Revitalization





# NY-BEST Commercialization Center

**New York State led the nation in battery jobs in 2010.**



- **The Commercialization Center will:**
  - Provide access to the suite of test, validation, prototyping, and pilot manufacturing capabilities
  - Accelerate planned investments
  - Increase the likelihood of industry expansion in the state
  - Enable the deployment of the next generation of energy storage technologies



# The Golisano Institute for Sustainability at RIT



- **Collaborate in the creation of innovative education and technology development systems related to:**
  - **Sustainable design**
  - **Life-cycle engineering**
  - **Remanufacturing**
  - **Pollution prevention**

# Health Sciences Center for Computational Innovation



# Year Two

**\$220M + \$530M in State Agency Funds**

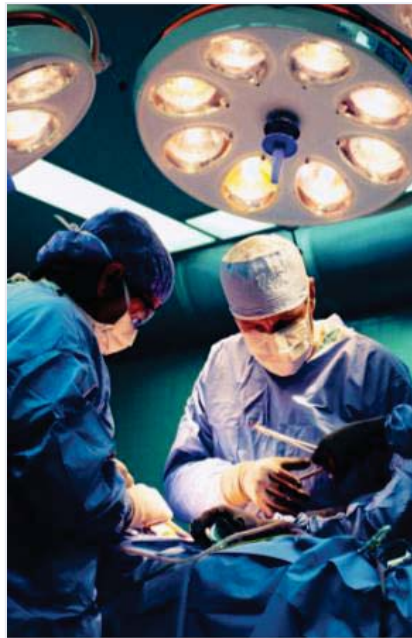




# Finger Lakes Regional Economic Development Council



## Year Two: Accelerating Our Transformation













*Best Wishes  
Ralph!*

