

# Illinois

From Farm to Pharma ...  
*Putting Science to Work*



**State of Illinois Africa Office**  
**Department of Commerce and Economic Opportunity**

*Rod R. Blagojevich, Governor*



*Jack Lavin, Director*



# The Vibrant Midwest Region

## Biotech in the Heartland

The Midwest is not the first place people think of when considering centers of biotechnology excellence.

*Maybe it should be.*





# Illinois / Midwest Global Biotechnology Hub

**Illinois**, with the States that comprise the Midwestern USA, forms a Region that is one of the world's great life science centers.

**Illinois** stands strong by offering all of the resources necessary for technological and commercial success with an unparalleled concentration of 200+ academic, government and private non-profit research institutions.

**Illinois** is at the center of the dynamic biotech industry in the Midwest, with over 1,370 biotechnology, biomedical and pharmaceutical firms... an ideal place to locate biotech companies.





# Illinois is leading the nation....

in the next generation of bioscience medical, agricultural, industrial and environmental solutions.

- “Only three states — California, Illinois, and Pennsylvania — have a large employment base in three out of the four bioscience sub sectors”
- Only Illinois and California are “sizable” in **4 of 4!**

From Battelle Memorial Institute Key Findings: Size and Geographic Distribution of the Biosciences *2004 Report Studied 4 Sectors: Pharma, Medical Devices, Ag-related, Basic Research & Testing*





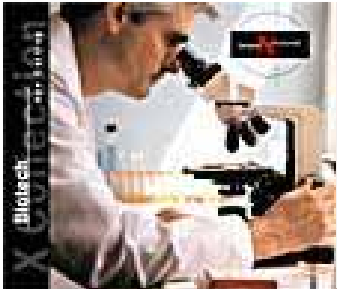
# ILLINOIS' GOT WHAT IT TAKES

## ILLINOIS RANKS NO. 1 FOR BIOTECH

*Business Facilities Magazine, July 2005*

### WHAT MAKES ILLINOIS A GREAT CHOICE FOR BIOTECH COMPANIES?

- ✓ Commitment to biotech industry
- ✓ Supporting technologies, strategic location and business climate
- ✓ Capacity – People, Facilities, Capital





# Diverse life sciences application and research commercialization

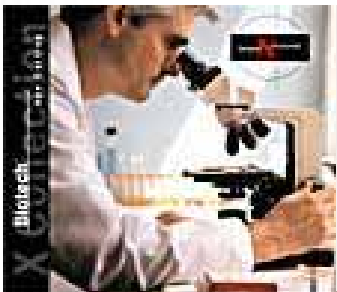
**DRUG DISCOVERY:** Abbot Laboratories, Baxter International, Hospira and Tap Pharmaceutical Products

**AGRICULTURE AND FOOD:** ADM, Cargill, Chromatin, Pyxis Genomics, Valent Biosciences

**ENABLING TECHNOLOGIES:** National Center for Supercomputing Applications

**DIAGNOSTICS AND RESEARCH TOOLS:** Dade Behring, the world's largest company dedicated solely to clinical diagnostics.

**NANOTECHNOLOGY:** Due to open in 2007, Argonne Laboratory will house the \$72 million Center for Nanoscale Materials.





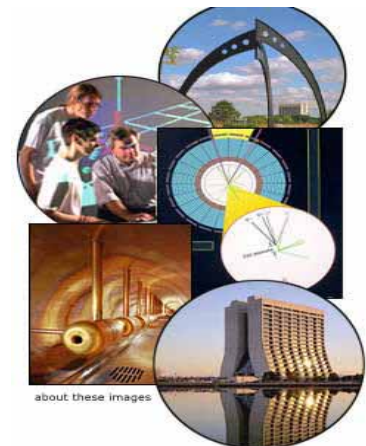
# Research in Illinois

## Unparalleled Concentration of Research Institutions:

More than 200 academic, government and non-profit research institutions and 7 research technology parks

- Argonne National Laboratory
- Fermi National Accelerator Laboratory
- The National Center for Agricultural Utilization Research
- The Illinois Medical District: Chicago Technology Park
- The University of Illinois: Institute of Genomic Biology
- The University of Chicago
- Northwestern University's Center for Biotechnology
- Illinois Science and Technology Park
- Southern Illinois University

*State of Illinois*





# Deep Talent Pool

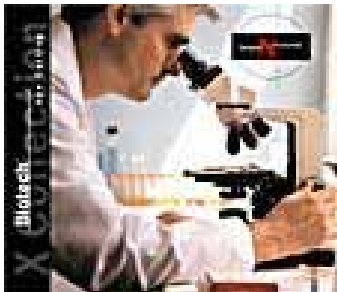
- 44,000 bio tech jobs in Illinois: Chicago is the largest employer of high-tech workers in the nation.
- Chicago's workforce boasts 28,000+ engineers; 29,000 life, social science and physical scientists and over 13,500 engineering and science technicians
- With over 6,250 physicians, the Chicago area has one of the nation's largest medical communities
- 1.2 million people hold professional services jobs that support the growth of life science companies





# Abundance of Capital

- Chicago area has a gross regional product of \$350 billion
- Over 300 banks
- World leading financial exchanges
- Chicago home to one of the top four VC centers in the country
- Home to more than 80 VC firms with \$42.9 billion in assets under management
- 1,600% growth in venture capital funding since 1995
- Total VC investment in Chicago area topped \$2.1 billion in 2000





# Chicago: Strong, Diverse Economy

- ❑ 8.55 million population in metro area
  - 11.6% growth from 1990-2000
- ❑ 4.1 million workers
- ❑ Gross Regional Product (GRP) \$350 Billion
- ❑ #1 in business services
- ❑ #1 in manufacturing
- ❑ #1 in high tech workforce
- ❑ #1 business travel destination
- ❑ #1 distribution center
- ❑ #1 convention destination
- ❑ #1 urban medical center
- ❑ #1 in Nobel Prize winners - 75 University of Chicago



Photo credit - Vito Palmisano



# International Business Community

- ❑ Over \$46 billion in foreign direct investment\*
- ❑ 1,600+ foreign firms in and around Chicago
- ❑ \$58 billion in imports from 184 countries
- ❑ \$21 billion in exports to 194 countries
- ❑ 70 Consulates/Consuls General
- ❑ 100 different international trade organizations
- ❑ More than 30 international Chambers of Commerce



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# The World's Biotech Destination 2006

- ❑ 14 million business travelers (#1 destination in U.S.)
- ❑ 33 million leisure travelers
- ❑ 1 million international travelers
- ❑ 6.9 million conventioneers
- ❑ The largest convention center (McCormick Place)
  - 2.2 million sq feet of exhibit halls
  - 3 million attendees
  - 2 miles (3 km) south of downtown
  - 29,000 hotel rooms



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# BIO2006, CHICAGO, IL

- APRIL 9 – 12, 2006, McCormick Place
- Join us as Illinois hosts this prestigious international life sciences conference.

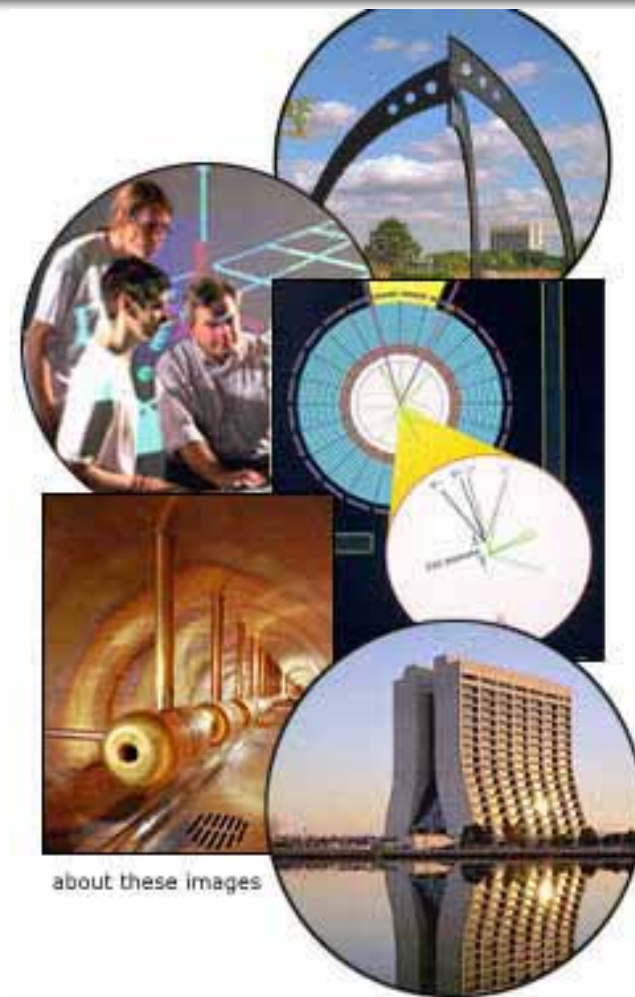


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# ILLINOIS BIOTECH INDUSTRY ORGANIZATION

David Miller, President  
Illinois Biotechnology Industry Organization  
177 N State Street, Suite 500  
Chicago, Illinois 60601  
USA  
Tel No: 1-312-201-4519  
Fax No: 1-312-553-4355  
[ibioadmin@ibio.org](mailto:ibioadmin@ibio.org)  
[www.ibio.org](http://www.ibio.org)



about these images



# Illinois

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## State of Illinois Africa Office

Monica Faith Stewart, Managing Director  
Johannesburg, South Africa

[illinois@icon.co.za](mailto:illinois@icon.co.za)

Tel: + 27 11 784 0120

