• largest employer in Alabama
• biggest medical center in the Southeast of the US
UAB

• Research-intensive university and medical center
• International reputation
• Top 15 percent of U.S. colleges and universities (*Princeton Review*)
• Over $400 million annually in external research funding
• UAB School of Medicine is in the **top 20 in funding from the NIH**
• Top 5 Best Places to Work in Academia (*The Scientist*, 2010)
<table>
<thead>
<tr>
<th></th>
<th>1945</th>
<th>1969</th>
<th>2009</th>
</tr>
</thead>
<tbody>
<tr>
<td>Campus Size</td>
<td>4 blocks</td>
<td>15 blocks</td>
<td>86 blocks</td>
</tr>
<tr>
<td>Campus Bldgs.</td>
<td>5</td>
<td>56 buildings</td>
<td>250+</td>
</tr>
<tr>
<td>Total Square Ft.</td>
<td>not available</td>
<td>1,642,259 s.f.</td>
<td>13,600,000 s.f.</td>
</tr>
<tr>
<td>Number of Faculty</td>
<td>58</td>
<td>560</td>
<td>2,045</td>
</tr>
<tr>
<td>Employees</td>
<td>not available</td>
<td>4,809 (est. 1970)</td>
<td>18,650</td>
</tr>
<tr>
<td>Budget</td>
<td>$1,600,000.00</td>
<td>$49,923,129.00</td>
<td>$2 billion</td>
</tr>
<tr>
<td>Grants and Contracts</td>
<td>$8,900.00</td>
<td>$18,889,636.00</td>
<td>over $400 million</td>
</tr>
<tr>
<td>Enrollment</td>
<td>74</td>
<td>5,381 students</td>
<td>16,874</td>
</tr>
</tbody>
</table>
UAB Graduate Biomedical Sciences (GBS) Program

• 450 Graduate Students
• 300 Faculty
• 25 Departments, including
  – Microbiology, Cell Biology, Biochemistry and Molecular Genetics, Genetics, Pathology, Medicine, Pediatrics, Dentistry
• 20 Research Centers, including
  – Aging, AIDS, Arthritis, Biomedical Implant, Cancer, Sickle Cell, Cystic Fibrosis, Gene Therapy, Human Genetics, Multiple Sclerosis, Vision Science
• Specialized Research Facilities, including
  – Molecular Imaging, Laser Capture Microdissection, Microarray, NMR, Electron Microscopy, Proteomics, Flow Cytometry, Transgenic mice, ...
• >20 Training Grants, including
  – Virology, Bacterial Pathogenesis, Immunology, AIDS
Microbiology at UAB

- 34 primary faculty
- $16 million in NIH grant support
- > 30 postdocs
- app. 75 graduate students
UAB Graduate Biomedical Sciences Themes

- Biochemistry and Structural Biology
- Cancer Biology
- Cell, Molecular, and Developmental Biology
- Genetics and Genomic Sciences
- Microbiology
- Immunology
- Neuroscience
- Pathobiology and Molecular Medicine
Microbiology Graduate Theme

- **Director:** Janet Yother
- **Co-Directors:** Casey Morrow, Michael Niederweis, Peter Prevelige

- **45 Faculty**
  - Microbiology, Cell Biology, Biochemistry and Molecular Genetics, Genetics, Pathology, Medicine, Pediatrics, Dentistry

- **60 Students**
Microbiology Graduate Theme

Areas of Research

- Bacteriology: 12 faculty
- Virology: 21 faculty
- Eukaryotic Genetics and Pathogenesis: 5 faculty
- Immune Interactions: 14 faculty
- Structural Biology: 7 faculty
- Glycobiology: 7 faculty
Career Development Opportunities

• Active monthly workshop series

• Career Development Courses
  – Lab Management
  – Grant Writing

• Career Development funding mechanisms
  – Career Enhancement
  – Internship Program
  – Grant Incentives
2009 – 2010 Postdoc Workshop Series

- K99 Panel Workshop - Sept. ‘09
- OPE Internship Panel Workshop – Oct. ‘09
- Social Networking in Science – Nov. ‘09
- Mentoring Workshop – Dec. ’09
- How to Give Presentations – Jan. ‘10
- Postdoc Research Day – Feb. ‘10
- Balance in Life and Science Lunch – Mar. ‘10
- Career Planning – Apr. ’10
- Career Day with Industry Roundtable – Apr. ’10
- Career Opportunities in Industry – May ‘10
- Town Hall Meeting – May ‘10
The Scientist 2010: ‘Best Places to Work/Postdoc’

• #1 – Trudeau Institute, Saranac Lake NY

• Top 5 Academic Institutions
  – #7 – Univ. of CO at Boulder
  – #18 – Princeton University
  – #20 – Medical College of Wisconsin
  – #22 – Emory University
  – #24 – UAB
## Postdocs by School

<table>
<thead>
<tr>
<th>School</th>
<th># of PDs</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dentistry</td>
<td>8</td>
</tr>
<tr>
<td>Engineering</td>
<td>2</td>
</tr>
<tr>
<td>Health Professions</td>
<td>10</td>
</tr>
<tr>
<td>Medicine</td>
<td>191</td>
</tr>
<tr>
<td>Natural Sciences</td>
<td>12</td>
</tr>
<tr>
<td>Optometry</td>
<td>4</td>
</tr>
<tr>
<td>Public Health</td>
<td>17</td>
</tr>
<tr>
<td>Social, Behavioral Sci.</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>246</strong></td>
</tr>
</tbody>
</table>
Current Postdoc Demographics

- **Citizenship**
  - US, Permanent Residents 51%
  - International 49%

- **Gender**
  - Female 47%
  - Male 53%

- **Race**
  - URM 8%