The Division of Biology and Medicine:

BY THE NUMBERS

On campus, in the hospitals, and in our community, our faculty, students, and staff are hard at work—unified in their passion to create new knowledge, to teach and to learn, and to change lives through research and clinical care. That’s the story behind the numbers.
DIVISION OF BIOLOGY AND MEDICINE

124 biology faculty
615 medical academic faculty
1,482 medical clinical faculty

Basic Science Departments
• Ecology and Evolutionary Biology
• Molecular Biology, Cell Biology, and Biochemistry
• Molecular Microbiology and Immunology
• Molecular Pharmacology, Physiology, and Biotechnology
• Neuroscience
• Pathology and Laboratory Medicine
  (hybrid of basic science and clinical medicine)

Medical Departments
• Dermatology
• Diagnostic Imaging
• Emergency Medicine
• Family Medicine
• Medicine
• Neurology
• Neurosurgery
• Obstetrics and Gynecology
• Orthopaedics
• Pediatrics
• Psychiatry and Human Behavior
• Radiation Oncology
• Surgery
194 undergraduate degrees awarded in 2016
46.2% graduated with honors

27 PhDs awarded
47 master’s degrees awarded

67 postdoctoral research associates and fellows

333 graduate students
of which there were
227 PhD candidates
106 master’s candidates

Graduate Programs
- Biomedical Engineering
- Biotechnology
- Computational Biology
- Ecology and Evolutionary Biology
- Molecular Biology, Cell Biology, and Biochemistry
- Molecular Pharmacology and Physiology
- Neuroscience
- Pathobiology
Undergraduate Medical Education

116 medical degrees awarded in 2016

Graduate Medical Education

646 residents
25 residency programs
224 fellows
74 fellowship programs

Degree Programs

- Program in Liberal Medical Education (AB or ScB/MD)
- Primary Care-Population Medicine Program (MD/ScM)
- Gateways to Medicine, Health Care, and Research
  Master of Science in Medical Sciences (MMSc)
- MD/PhD
- MD/MPH
- MD/MPA

Certificate Program

- Gateways to Medicine, Health Care, and Research
  Certificate in Medical Science
7 affiliated teaching hospitals
serving 1.5 million people of diverse backgrounds

1 Rhode Island Hospital (a Level 1 trauma center)
and Hasbro Children’s Hospital

2 Emma P. Bradley Hospital (children’s psychiatric)

3 The Miriam Hospital

4 Memorial Hospital of Rhode Island

5 Butler Hospital (adult psychiatric)

6 Women & Infants Hospital

7 Providence VA Medical Center

Training Ground
The affiliated hospitals are all less than 6 miles from the Warren Alpert Medical School.
Understanding Aging

With a $9.67 million program grant from the National Institutes of Health, researchers at Brown, New York University, and the University of Rochester will collaborate to strengthen evidence that mobility within the genome of potentially harmful DNA snippets, called retrotransposable elements, may cause health problems associated with aging.

Environmental Influences on Health

Researchers in the Warren Alpert Medical School are taking part in the NIH’s Environmental Influences on Child Health Outcomes consortium. The projects include studying the neurodevelopmental outcomes of very preterm infants and Rhode Island’s participation in the IDeA States Pediatric Clinical Trials Network.

A Boost for Computational Biology

A new $11.5 million grant from the NIH launched a Center of Biomedical Research Excellence in computational biology, which will support five faculty members as they tackle the genomics underlying diseases such as cancer, preeclampsia, and severe lung infections.
Science, Translated

A $19.5 million award from the NIH established Advance Clinical and Translational Research (Advance-CTR), a central hub to support and educate clinical and translational researchers in Rhode Island. With partners at the University of Rhode Island and Brown’s affiliated hospitals, the center will enhance coordination of translational research across the state to accelerate discoveries that improve health.

An Enduring Partnership

The Warren Alpert Foundation gave $27 million to support two top-priority projects. Of the new gift, $22 million endowed the Warren Alpert Physician-Scientist MD/PhD and Advanced Training Program, which will enable more students to pursue the joint degree; and $5 million established the first endowed professorship in the Brown Institute for Translational Science.

POINTS OF PRIDE
The following financial data are for the fiscal year ending June 30, 2016.

<table>
<thead>
<tr>
<th>FY’16 Total Endowment</th>
<th>$320,910,372</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY’16 Total Sponsored Activity (Campus and Affiliated Hospitals)</td>
<td>$280,147,863</td>
</tr>
<tr>
<td>Total Campus Sponsored Activity</td>
<td>$161,026,000</td>
</tr>
<tr>
<td>Division of Biology and Medicine</td>
<td>$47,618,123</td>
</tr>
<tr>
<td>Brown, excluding Division</td>
<td>$113,407,877</td>
</tr>
<tr>
<td>Total Affiliated Hospital Sponsored Activity</td>
<td>$119,121,863</td>
</tr>
<tr>
<td>Lifespan (Rhode Island Hospital, The Miriam Hospital, Bradley Hospital)</td>
<td>$76,846,764</td>
</tr>
<tr>
<td>Care New England (Women &amp; Infants Hospital, Memorial Hospital of RI, Butler Hospital)</td>
<td>$24,759,558</td>
</tr>
<tr>
<td>Providence VA Medical Center</td>
<td>$17,515,541</td>
</tr>
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### FY’16 Total Revenues

<table>
<thead>
<tr>
<th>Division</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sponsored Funds</td>
<td>$47,618,123</td>
</tr>
<tr>
<td>Tuition and Fees</td>
<td>$40,629,232</td>
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<tr>
<td>Endowment Income</td>
<td>$16,844,089</td>
</tr>
<tr>
<td>University Support</td>
<td>$13,494,741</td>
</tr>
<tr>
<td>Hospital Support and Other Income</td>
<td>$10,572,120</td>
</tr>
<tr>
<td>Fundraising and Gifts</td>
<td>$6,486,016</td>
</tr>
</tbody>
</table>

**Total:** $135,644,321
FY’16 Total Expenses

<table>
<thead>
<tr>
<th>Division</th>
<th>Amount</th>
<th>Percentage</th>
</tr>
</thead>
<tbody>
<tr>
<td>$128,581,097</td>
<td>$128,581,097</td>
<td>100%</td>
</tr>
<tr>
<td>Academic Departments</td>
<td>$46,943,759</td>
<td>37%</td>
</tr>
<tr>
<td>Sponsored Funds</td>
<td>$33,950,774</td>
<td>26%</td>
</tr>
<tr>
<td>Financial Aid</td>
<td>$20,142,108</td>
<td>15%</td>
</tr>
<tr>
<td>Facilities</td>
<td>$18,678,211</td>
<td>14%</td>
</tr>
<tr>
<td>Administration, Library, and Other Costs</td>
<td>$8,866,244</td>
<td>7%</td>
</tr>
</tbody>
</table>

Percentages do not total 100 due to rounding.
Philanthropy makes it possible to carry out the Division’s educational and research missions. The generosity of donors resulted in a number of new gifts in fiscal year 2016.

New gifts and pledges: $17,191,362
Brown Medical Annual Fund: $1,332,430
Total donors: 2,007

**Giving**

In October 2015, Brown University launched BrownTogether, the most ambitious fundraising campaign in the institution’s history. Philanthropic gifts to the Division of Biology and Medicine will provide new investments in translational science, medical scholarship, and innovative medical education programs.

To learn more about supporting the Division of Biology and Medicine, please visit:

giving.brown.edu/biomed
Executive Leadership

Jack A. Elias, MD
Dean of Medicine and Biological Sciences

Michele G. Cyr, MD
Associate Dean for Academic Affairs

Joseph A. Diaz, MD, MPH
Associate Dean for Diversity and Multicultural Affairs

Kimberly A. Galligan, MBA
Executive Dean for Administration

Edward Hawrot, PhD
Associate Dean for the Program in Biology

Bethany Solomon, MBA
Associate Dean for Biomedical Advancement

Glenn A. Tung, MD
Associate Dean for Clinical Affairs

Allan R. Tunkel, MD, PhD
Associate Dean for Medical Education