JACK A. ELIAS, MD, began his tenure as dean of medicine and biological sciences at Brown University in September 2013. In a professional career spanning more than 30 years, Dr. Elias has cared for patients with a wide variety of lung ailments including those in intensive care and with immune and allergic disorders. He has conducted research on asthma, chronic obstructive pulmonary disease, pneumonia, pulmonary fibrosis, and the effects of smoking. His NIH-funded laboratory focuses on the cell and molecular biology of lung injury and repair.

An immunobiologist, Dr. Elias has trained scores of young researchers, published more than 230 original peer-reviewed research papers, and holds several patents with more pending. Dr. Elias is a member of the Institute of Medicine and served as president of the Association of American Physicians. Prior to coming to Brown, he held appointments at the University of Pennsylvania and was chief of Pulmonary and Critical Care Medicine and chair of the Department of Medicine at the Yale School of Medicine.
THE DIVISION

119 biology faculty
616 medical academic faculty
1,289 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
PROGRAM IN BIOLOGY

317 undergraduate degrees awarded in 2014
36% graduated with honors

44 PhDs awarded
26 master’s degrees awarded

67 postdoctoral research associates and fellows

291 graduate students
of which there were:
221 PhD students
70 master’s students

GRADUATE PROGRAMS
• Biomedical Engineering
• Biotechnology
• Computational Biology
• Ecology and Evolutionary Biology
• Molecular Biology, Cell Biology, and Biochemistry
• Molecular Pharmacology and Physiology
• Neuroscience
• Pathobiology
DEGREE PROGRAMS

- Program in Liberal Medical Education (AB or ScB/MD)
- MD/PhD Program
- MD/MPH Program
- MD/MPP Program
- MD/MPA Program
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 Alpert Medical School.
Jack A. Elias, MD, dean of medicine and biological sciences, won a five-year, $5-million CADET grant from the National Heart, Lung, and Blood Institute to develop research discoveries in his lab into a potential therapy for asthma.

Jonathan Kurtis ’89 MD’96 PhD’96, professor of pathology and laboratory medicine, and his research team identified a protein that could lead to the development of a vaccine for a virulent strain of malaria. The study, published in Science in May 2014, shows that, in mice, the protein interrupts the malaria parasite’s life cycle.

Phyllis A. Dennery, MD, was appointed pediatrician-in-chief of Hasbro Children’s Hospital and chair of the Department of Pediatrics at Alpert Medical School. Previously, as chief of the Division of Neonatology and Newborn Services for the University of Pennsylvania Health System, she trained residents and fellows and conducted NIH-funded research on lung gene expression.

Timothy Flanigan, MD, and Adam Levine, MD, MPH, both professors at Alpert Medical School, were the first Rhode Island physicians to volunteer in Liberia to fight the Ebola epidemic. TIME magazine named Ebola fighters their 2014 “Person of the Year”—an honor that also included several Brown alumni.
The following financial data are for the fiscal year ending June 30, 2014.

<table>
<thead>
<tr>
<th>Description</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>FY’14 Total Endowment</td>
<td>$328,519,650</td>
</tr>
<tr>
<td>FY’14 Total Sponsored Activity (Campus and Affiliated Hospitals)</td>
<td>$264,576,170</td>
</tr>
<tr>
<td>Total Campus Activity</td>
<td>$147,499,000</td>
</tr>
<tr>
<td>Division of Biology and Medicine</td>
<td>$42,568,207</td>
</tr>
<tr>
<td>Brown, excluding Division</td>
<td>$104,930,793</td>
</tr>
<tr>
<td>Total Affiliated Hospital Awards</td>
<td>$117,077,170</td>
</tr>
<tr>
<td>Lifespan (Rhode Island Hospital, The Miriam Hospital, Bradley Hospital)</td>
<td>$81,371,878</td>
</tr>
<tr>
<td>Care New England (Women &amp; Infants Hospital, Memorial Hospital of RI, Butler Hospital)</td>
<td>$26,723,318</td>
</tr>
<tr>
<td>Providence VA Medical Center</td>
<td>$8,981,974</td>
</tr>
</tbody>
</table>
## FY’14 Total Revenues (Division)

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>$114,158,067</td>
<td></td>
</tr>
<tr>
<td>37% Sponsored Funds</td>
<td>$42,568,207</td>
</tr>
<tr>
<td>23% Tuition and Fees</td>
<td>$25,999,478</td>
</tr>
<tr>
<td>13% Endowment Income</td>
<td>$14,882,859</td>
</tr>
<tr>
<td>11% University Support</td>
<td>$13,026,528</td>
</tr>
<tr>
<td>9% Hospital Support and Other Income</td>
<td>$10,453,662</td>
</tr>
<tr>
<td>6% Fundraising and Gifts</td>
<td>$7,227,333</td>
</tr>
</tbody>
</table>

## FY’14 Total Expenses (Division)

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>$114,487,055</td>
<td></td>
</tr>
<tr>
<td>41% Academic Departments</td>
<td>$46,832,538</td>
</tr>
<tr>
<td>27% Sponsored Funds</td>
<td>$31,302,626</td>
</tr>
<tr>
<td>16% Facilities</td>
<td>$18,057,843</td>
</tr>
<tr>
<td>9% Financial Aid</td>
<td>$9,772,246</td>
</tr>
<tr>
<td>7% Administration, Library, and Other Costs</td>
<td>$8,521,802</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 2014.

New gifts and pledges: $27.62 million

Brown Medical Annual Fund: $1,094,971

Total donors: 1,543

GIVING

To learn more about supporting the Division of Biology and Medicine, visit: giving.brown.edu/biomed

Scan with your smartphone or tablet.
EXECUTIVE LEADERSHIP

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

Michele G. Cyr, MD  
Associate Dean for Academic Affairs

Lindsay J. Graham  
Executive Dean for Administration

Edward Hawrot, PhD  
Associate Dean for the Program in Biology

John A. Perry, MSA  
Senior Associate Dean for Biomedical Advancement

Glenn A. Tung, MD  
Associate Dean for Clinical Affairs

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