JACK A. ELIAS, MD, began his tenure as dean of medicine and biological sciences at Brown University in September 2013. Prior to this appointment, he was chair of the Department of Medicine at the Yale School of Medicine and physician-in-chief of Yale-New Haven Hospital.

Dr. Elias is a member of the Institute of Medicine and served as president of the Association of American Physicians. In a career spanning more than 30 years, Dr. Elias has cared for patients with a wide variety of lung ailments and injuries and has conducted research on conditions including asthma, chronic obstructive pulmonary disease, pneumonia, pulmonary fibrosis, and the effects of smoking. An immunobiologist, Dr. Elias has trained scores of young researchers and published more than 200 original peer-reviewed research papers. He holds several patents with more pending.
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
291 undergraduate degrees awarded
40% graduated with honors

37 PhDs awarded
12 master’s degrees awarded

79 postdoctoral research associates and fellows

298 graduate students
of which there were
240 PhD students
58 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

Undergraduate Medical Education

476 medical students representing 106 undergraduate institutions 41 states 7 foreign countries

Graduate Medical Education

16 residency programs 560 residents 52 fellowship programs 167 fellows
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.
John Donoghue, PhD, and the BrainGate team won the $1 million Moshe Mirilashvili Memorial Fund B.R.A.I.N. Prize from the Israeli government for their work to develop a brain-computer interface that could help restore independence for people with severe paralysis.

Lance Dworkin, MD, professor of medicine (nephrology), and Timothy Murphy, MD, professor of diagnostic imaging, were authors of a lead article in the *New England Journal of Medicine* on the CORAL (Cardiovascular Outcome in Renal Atherosclerotic Lesions) study, which showed that renal artery stenting does not confer any benefit for the prevention of clinical events when added to comprehensive medical therapy.

Sharon Rounds, MD, professor of medicine and pathology and laboratory medicine, through the nonprofit Ocean State Research Institute Inc. received a $9.8 million COBRE grant to study cardiopulmonary vascular biology.
The following financial data are for the fiscal year ending June 30, 2013, and as such, include figures from the Public Health Program, which was part of the Division of Biology and Medicine through that date.

<table>
<thead>
<tr>
<th>Financial Category</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>FY’13 Total Endowment</strong></td>
<td><strong>$302,156,754</strong></td>
</tr>
<tr>
<td><strong>FY’13 Total Sponsored Funding</strong></td>
<td><strong>$280,896,912</strong></td>
</tr>
<tr>
<td><strong>Total Campus Awards</strong></td>
<td><strong>$162,286,000</strong></td>
</tr>
<tr>
<td>Division of Biology and Medicine</td>
<td><strong>$81,651,680</strong></td>
</tr>
<tr>
<td>Brown, excluding Division</td>
<td><strong>$80,634,320</strong></td>
</tr>
<tr>
<td><strong>Total Affiliated Hospital Awards</strong></td>
<td><strong>$118,610,912</strong></td>
</tr>
<tr>
<td>Lifespan (Rhode Island Hospital, The Miriam Hospital, Bradley Hospital)</td>
<td><strong>$82,149,666</strong></td>
</tr>
<tr>
<td>Care New England (Women &amp; Infants Hospital, Butler Hospital)</td>
<td><strong>$24,409,609</strong></td>
</tr>
<tr>
<td>Providence VA Medical Center</td>
<td><strong>$7,223,160</strong></td>
</tr>
<tr>
<td>Memorial Hospital of Rhode Island</td>
<td><strong>$4,828,477</strong></td>
</tr>
</tbody>
</table>
## FY’13 Total Revenues (Campus)

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sponsored Funds</td>
<td>$81,666,728</td>
</tr>
<tr>
<td>Tuition and Fees</td>
<td>$36,457,009</td>
</tr>
<tr>
<td>Endowment Income</td>
<td>$13,691,871</td>
</tr>
<tr>
<td>University Support</td>
<td>$9,159,467</td>
</tr>
<tr>
<td>Fundraising and Gifts</td>
<td>$8,412,249</td>
</tr>
<tr>
<td>Hospital Support and Other Revenue</td>
<td>$6,228,802</td>
</tr>
</tbody>
</table>

## FY’13 Total Expenses (Campus)

<table>
<thead>
<tr>
<th>Source</th>
<th>Amount</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sponsored Funds</td>
<td>$58,976,479</td>
</tr>
<tr>
<td>Academic Departments and Startup</td>
<td>$55,461,244</td>
</tr>
<tr>
<td>Administration, Library, and Other Costs</td>
<td>$22,853,255</td>
</tr>
<tr>
<td>Facilities</td>
<td>$11,984,952</td>
</tr>
<tr>
<td>Financial Aid</td>
<td>$7,588,722</td>
</tr>
</tbody>
</table>
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 2013.

New gifts and pledges: $17.9 million

Brown Medical Annual Fund: $1.192 million

Total donors: 1,528

GIVING

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

Scan with your smart phone or tablet.
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Dean of Medicine and Biological Sciences

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Associate Dean for Academic Affairs

Lindsay J. Graham
Executive Dean for Administration

Edward Hawrot, PhD
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