

BROWN UNIVERSITY

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2021

# & Facts Figures



BROWN  
Division of Biology  
and Medicine



## THE DIVISION OF BIOLOGY AND MEDICINE

# By the Numbers

On campus, in the affiliated hospitals, and in our community, our faculty, students, and staff are hard at work, unified in their mission to create new knowledge, to teach and to learn, and to change the world through research. These figures tell the story of the growth and development happening at Brown.

### **JACK A. ELIAS, MD**

SENIOR VICE PRESIDENT FOR HEALTH AFFAIRS  
DEAN OF MEDICINE AND BIOLOGICAL SCIENCES  
FRANK L. DAY PROFESSOR OF BIOLOGY



BROWN  
Alpert Medical School

DEAN'S REPORT  
FEBRUARY 2020



WATCH THE  
DEAN'S REPORT  
VIDEO

# DIVISION OF BIOLOGY AND MEDICINE

<b>biology faculty</b> .....	<b>144</b>
<b>medical academic faculty</b> .....	<b>606</b>
<b>medical clinical faculty</b> .....	<b>1,742</b>

## BASIC SCIENCE DEPARTMENTS

- Ecology and Evolutionary Biology
- Molecular Biology, Cell Biology, and Biochemistry
- Molecular Microbiology and Immunology
- Molecular Pharmacology, Physiology, and Biotechnology
- Neuroscience

## MEDICAL DEPARTMENTS

- Anesthesiology
- Dermatology
- Diagnostic Imaging
- Emergency Medicine
- Family Medicine
- Medicine
- Neurology
- Neurosurgery
- Obstetrics and Gynecology
- Orthopaedics
- Pediatrics
- Psychiatry and Human Behavior
- Radiation Oncology
- Surgery

## HYBRID (basic science and clinical medicine)

- Medical Science
- Pathology and Laboratory Medicine



## Researchers in the new Cancer Center at Brown University

are investigating how cancer develops, grows, and metastasizes, and developing new therapeutics that address patients' individual needs. They're also tackling issues of access to and affordability of cancer care. With members from across campus and Brown's affiliated hospitals, the center is poised to become a powerhouse of research and clinical excellence.





**LEARN MORE ABOUT  
OUR CANCER CENTER**

# PROGRAM IN BIOLOGY

## Degrees Awarded in 2020

bachelor's .....	185
master's .....	63
PhDs .....	34

## Graduate Education

postdoctoral research associates and fellows .....	84
graduate students .....	385
<i>of which there were</i>	
master's candidates .....	94
PhD candidates .....	291

## GRADUATE PROGRAMS

- Biomedical Engineering
- Biotechnology
- Computational Biology
- Ecology and Evolutionary Biology
- Molecular Biology, Cell Biology, and Biochemistry
- Molecular Pharmacology and Physiology
- Neuroscience
- Pathobiology



**Andrew Campbell, PhD,** was elected fellow of the American Association for the Advancement of Science. The dean of the Graduate School and a professor of medical science, he studies infectious microbial diseases and leads the NIH-funded Initiative to Maximize Student Development, which has improved recruiting and performance of students from groups historically underrepresented in doctoral programs.

# WARREN ALPERT MEDICAL SCHOOL

## Undergraduate Medical Education

medical students.....	590
MDs awarded in 2020.....	137

## Graduate Medical Education

residents.....	707
residency programs.....	27
fellows.....	262
fellowship programs.....	84

## Gateways

students.....	29
master's degrees awarded in 2020.....	23

## 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)
- Master's in Medical Physics (ScM)
- MD/PhD
- MD/MPH



**When the pandemic struck Rhode Island,** Brown's faculty stepped up: they cared for patients, wrote testing and treatment guidelines, studied therapies and vaccines, established a COVID-19 biobank—all with statewide, national, and worldwide impact. They played critical roles combating misinformation and served hard-hit communities. Medical students pitched in too, running food drives and staffing phone lines; 48 graduated early to join the front lines.

# TEACHING AFFILIATES

**clinical teaching affiliates** ..... **8**

serving 1.6 million people of diverse backgrounds

- 1 Rhode Island Hospital** (a Level 1 trauma center)  
**and Hasbro Children's Hospital**
- 2 The Miriam Hospital**
- 3 Emma Pendleton Bradley Hospital**  
(pediatric psychiatric)
- 4 Women & Infants Hospital**
- 5 Butler Hospital** (adult psychiatric)
- 6 Providence VA Medical Center**
- 7 HopeHealth**
- 8 Kent Hospital**



**Lifespan and Care New England signed an agreement to merge and create,** with The Warren Alpert Medical School, an integrated academic health system. Brown will participate on the new system's governing board and play a key role in integrating medical education and research with clinical practice across hospitals.





**Lifespan**

*Delivering health with care®*



**Care New England**



**BROWN**

BETTER TOGETHER, FOR A HEALTHIER RHODE ISLAND.

Working together,  
**Lifespan, Care New England and Brown University**  
will create an integrated academic  
health system for Rhode Island.



**LEARN MORE ABOUT OUR  
INTEGRATED ACADEMIC  
HEALTH SYSTEM SYSTEM**



**External funding  
for research  
HAS GROWN**

**132%**  
SINCE  
2013

# FINANCIALS

The following financial data are for the fiscal year ending June 30, 2020.

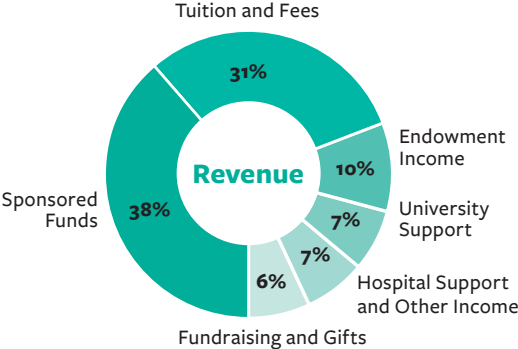
<b>FY'20 Total Division Endowment</b>	<b>\$557,377,559</b>
<b>FY'20 Total Sponsored Activity (Campus and Affiliated Hospitals)</b>	<b>\$352,988,464</b>
<b>Total Campus Sponsored Activity</b>	<b>\$210,934,000</b>
Division of Biology and Medicine	\$68,150,164
Brown, excluding Division	\$142,783,836
<b>Total Affiliated Hospital Sponsored Activity</b>	<b>\$142,054,464</b>
Lifespan (Rhode Island Hospital, The Miriam Hospital, Bradley Hospital)	\$85,543,748
Care New England (Women & Infants Hospital, Kent Hospital, Butler Hospital)	\$34,717,250
Providence VA Medical Center	\$21,793,466



# REVENUES & EXPENSES

<b>FY'20 Total Revenues</b> <b>(Division)</b>	<b>\$178,190,646</b>
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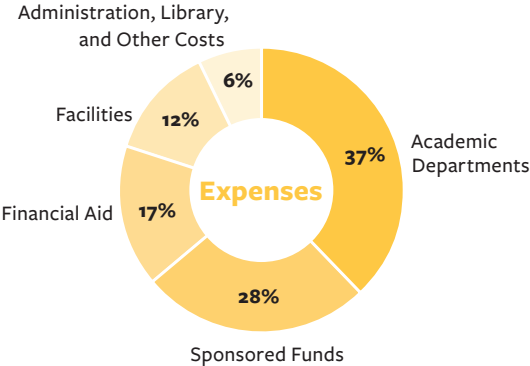
38%	Sponsored Funds	\$68,150,164
31%	Tuition and Fees	\$55,798,769
10%	Endowment Income	\$18,548,215
7%	University Support	\$13,173,176
7%	Hospital Support and Other Income	\$11,810,575
6%	Fundraising and Gifts	\$10,709,747



Percentages do not total 100 due to rounding.

<b>FY'20 Total Expenses</b> <b>(Division)</b>	<b>\$178,190,646</b>
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37%	Academic Departments	\$66,358,265
28%	Sponsored Funds	\$50,255,935
17%	Financial Aid	\$29,540,636
12%	Facilities	\$20,601,002
6%	Administration, Library, and Other Costs	\$11,434,808





# PHILANTHROPY

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 2020.

**New gifts and pledges** ..... **\$13 million**

**Brown Medical  
Annual Fund** ..... **\$1.53 million**

## CAMPAIGN UPDATE

*BrownTogether*, the most ambitious fundraising campaign in the University's history, continues to provide tremendous support for research, faculty, and medical education. Of the campaign's \$3 billion goal, \$300 million is earmarked for the Division of Biology and Medicine. To date, donors have generously given \$222 million.

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

[giving.brown.edu/biomed](https://giving.brown.edu/biomed)



**BROWN TOGETHER**







**\$30  
million**

**With gifts from two generous donors totaling \$30 million,** Brown is establishing a new Center for Alzheimer's Disease Research with the aim of building a world-class research program focused on early detection and treatment of Alzheimer's disease and related dementias.

# LEADERSHIP

**Jack A. Elias, MD**

Senior Vice President for Health Affairs  
Dean of Medicine and Biological Sciences

**Cailie Burns**

Assistant Dean for Biomedical Advancement

**Michele G. Cyr, MD**

Senior 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**

Senior Associate Dean for the Program in Biology

**Sharon I. Rounds, MD**

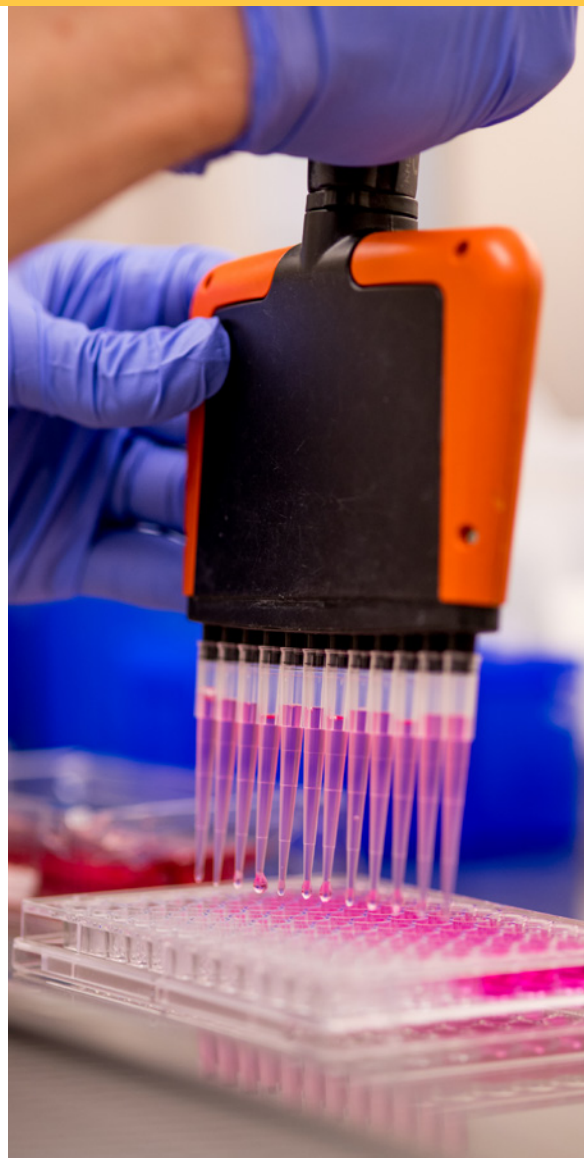
Associate Dean for Clinical Affairs

**Kate Smith, PhD**

Senior Associate Dean of Biology for Curricular Affairs

**Allan R. Tunkel, MD, PhD**

Senior Associate Dean for Medical Education





**Brown University**  
**Division of Biology and Medicine**

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