**Founded in 1900**, the Association of American Universities is composed of America’s leading research universities. AAU’s 65 research universities transform lives through education, research, and innovation. Our member universities earn the majority of competitively awarded federal funding for research that improves public health, seeks to address national challenges, and contributes significantly to our economic strength, while educating and training tomorrow’s visionary leaders and innovators.

**ECONOMIC IMPACT**

- 5,583 Patents in 2020
- 5,241 Technology license agreements in 2020
- 4,268 Total operational startups in 2020
- 60 Current Fortune 100 CEOs

**EDUCATION 2020 Data**

- AAU universities make up only 3% of all 4-year universities in the U.S., yet award nearly 41% of all research doctorate degrees.

**RESEARCH**

- $28.9 BILLION Federal research dollars awarded in 2020

**VALUE**

- 84% of AAU students graduate within 6 years
- 57% of AAU students graduate debt-free

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1 CEOs who attended an AAU university as of 2021.
2 2020 graduation rate at AAU universities.
3 Not including professional doctoral degrees.
794,947
Total employees
at AAU universities in 2020

$100.4 Billion
Total salaries
paid by AAU universities
in 2020

25 in Top 10
25 AAU universities
were among the top 10 employers in their
state as of 2020

38 in Top 50
38 AAU universities were
in the top 50 for producing
venture-capital-backed
entrepreneurs as of 2020

$100.4 Billion
Total salaries
paid by AAU universities
in 2020

5,583
Patents issued
in 2020

5,241
Technology license agreements
in 2020

4,268
Cumulative operational startup companies
formed as of 2020

676
Startup companies
formed in 2020

453
Startup companies
created in home state in 2020
DEGREES AWARDED BY AAU UNIVERSITIES IN THE U.S. AS OF 2020

560,239
Total Degrees
30,358
Research Doctorates
26,194
Professional Practice Doctorates
177,899
Master’s Degrees
325,437
Bachelor’s Degrees

In 2020, AAU institutions awarded 48% of all research doctoral degrees and 20% of all undergraduate degrees in STEM and Social Sciences

RESEARCH DOCTORAL DEGREES in STEM out of National Total (2020)

<table>
<thead>
<tr>
<th>Field</th>
<th>% of National Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical Sciences</td>
<td>59%</td>
</tr>
<tr>
<td>Engineering</td>
<td>56%</td>
</tr>
<tr>
<td>Math &amp; Computer Sciences</td>
<td>53%</td>
</tr>
<tr>
<td>Life Sciences</td>
<td>42%</td>
</tr>
<tr>
<td>Psychology &amp; Social Sciences</td>
<td>37%</td>
</tr>
</tbody>
</table>

BACHELOR’S DEGREES in STEM out of National Total (2020)

<table>
<thead>
<tr>
<th>Field</th>
<th>% of National Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physics</td>
<td>28%</td>
</tr>
<tr>
<td>Engineering</td>
<td>27%</td>
</tr>
<tr>
<td>Math &amp; Computer Sciences</td>
<td>27%</td>
</tr>
<tr>
<td>Psychology &amp; Social Sciences</td>
<td>22%</td>
</tr>
<tr>
<td>Life Sciences</td>
<td>13%</td>
</tr>
</tbody>
</table>

STUDENTS AT AAU UNIVERSITIES IN 2020

14% of all Undergraduates
1.9 million Undergraduates
21% of all Graduate Students
668,824 Graduate Students
68% of all Postdocs
45,793 Total Postdocs
40% of all International Students
347,582 International Students
29% of all Study Abroad Students
44,451 Study Abroad

1 For all 4-year U.S. institutions. 2 Number of Postdocs in 2019. 3 Number of International Students in 2021.

GRADUATES OF AAU UNIVERSITIES

24 Governors in 2021
265 Members of Congress in 2022
5 Joint Chiefs of Staff in 2021
13 U.S. Presidents 1900–2021
8 Current U.S. Supreme Court Justices
45 Supreme Court Justices 1900–2021
60 Fortune 100 CEOs in 2021
8,902 Teaching Degrees in 2020
7,222 Medical Degrees in 2021
2,649 Dental Degrees in 2020
9,909 Nursing Degrees in 2020

AAU America’s Leading Research Universities aau.edu  @AAUniversities
In 2020, only 4 out of 10 graduating seniors from AAU universities had debt, while 6 out of 10 graduating seniors from public and non-profit universities had debt.
FEDERALLY FUNDED ACADEMIC RESEARCH AND DEVELOPMENT IN 20201

<table>
<thead>
<tr>
<th>Department of Agriculture</th>
<th>Department of Defense</th>
<th>Department of Energy</th>
<th>Department of Health and Human Services (including NIH)</th>
<th>National Aeronautics and Space Administration</th>
<th>National Science Foundation</th>
<th>Other Federal Departments and Agencies</th>
<th>Total federal R&amp;D at AAU universities</th>
</tr>
</thead>
<tbody>
<tr>
<td>$25B</td>
<td>$4.69 Billion</td>
<td>$1.29 Billion</td>
<td>$16.4 Billion</td>
<td>$1.18 Billion</td>
<td>$3.24 Billion</td>
<td>$1.52 Billion</td>
<td>$28.8 Billion</td>
</tr>
<tr>
<td>67%</td>
<td>60%</td>
<td>63%</td>
<td>65%</td>
<td>67%</td>
<td>60%</td>
<td>48%</td>
<td>63%</td>
</tr>
</tbody>
</table>

1 % of total amount awarded to AAU Universities / total dollar amount received by AAU Universities

HONORS & AWARDS

- 48% of all National Academies Members
- 4,009 Members of the National Academies at AAU universities

- 62% of all American Academy of Arts and Sciences Fellows
- 3,676 Elected American Academy of Arts and Sciences Fellows affiliated with AAU universities

- 95% of all National Academy of Inventors
- 60 National Academy of Inventors Member Institutions

- 48% of all winners are at AAU universities
- 39% of all Nobel Prize winners are at AAU universities

SCHOLARLY OUTPUT

- 27 Million Citations (2017-2021)
- 2.6 Million Publications (2017-2021)
- 55,447 Books Published (2011-2020)

RESOURCES

- 23 research parks
- 78 university accelerator programs
- $11.4 billion in institutional contributions to research and development

AAU America’s Leading Research Universities

2,3 Thomson Reuters InCites
2020 Academic Analytics